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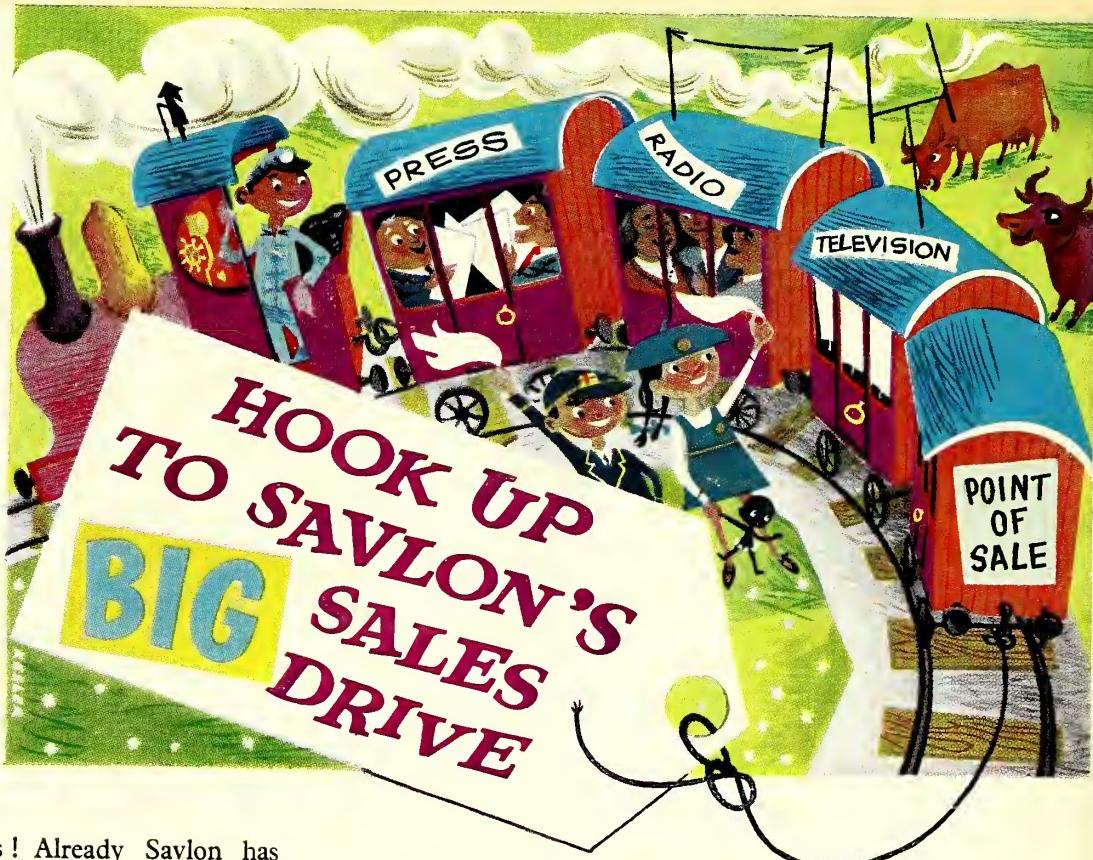
1955, WS, JHC, WITHYB/SMITH

DAVID & TITAN  
IMPERIAL CHEMICAL INDUSTRIES LTD, LONDON, S.W.1

# The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

NOVEMBER 26 1955



THING succeeds like success ! Already Savlon has established itself as a first-rank seller — and non-stop advertising continues more vigorously than ever, using national dailies, Sundays, women's journals, a nationwide campaign in provincial papers, Radio Luxembourg and Television.

Take advantage of this advertising ! Associate yourself with Savlon's success.

**DISPLAY AND SELL**

SHOWCARDS AND LEAFLETS ARE READILY AVAILABLE

# Savlon

IMPERIAL CHEMICAL (PHARMACEUTICALS) LIMITED, WILMSLOW, MANCHESTER.  
A subsidiary company of Imperial Chemical Industries Limited.

PH5697

*People come back  
AGAIN  
AGAIN  
AGAIN*

**for  
WRIGHT'S  
Coal Tar Soap**

Because—

**QUALITY CONTINUALLY IMPROVES!**

For 50 years Wright's Coal Tar Soap has been awarded the Certificate of Merit of the Royal Institute of Public Health and Hygiene. Research in raw materials and germicides, with constant modernization of mechanical production, ensures the continually improving quality demanded by the Certificate.

**ADVERTISING NEVER CEASES!**

This year again, over 200,000,000 forceful advertisements for Wright's Coal Tar Soap will appear in the leading National Newspapers, Illustrated Weeklies and Women's Magazines.

**Stock, Display, Recommend**

**WRIGHT'S**

★ This self-selling, compact display carton, containing 1 dozen tablets, takes up little counter space—does a big selling job!



WRIGHT LAYMAN & UMLEY LTD.  
42-50 SOUTHWARK STREET  
LONDON, S.E.1



## ***For the common sore throat***

Tyrosolven lozenges are indicated in the treatment of mouth and throat infections. They contain tyrothricin (a potent antibiotic) and benzocaine (a mild local anaesthetic) in a pleasantly-flavoured base. Chemists get a full one-third profit on Tyrosolven lozenges, and can increase their counter trade by recommending them in any painful throat infection. Though heavily prescribed by doctors, Tyrosolven is not a "prescription only" line; the lozenges are not subject to Purchase Tax and they are inexpensive.

## ***Tyrosolven***

PRICES: Available in packs of 20 lozenges at 2/6 each;  
Retail list price per dozen 20/-.

Dispensing packs of 250 lozenges supplied at 15/- each.  
Tyrosolven is not subject to Purchase Tax.

There is a 5% discount for orders of Warner  
products to a minimum value of £5.

WILLIAM R. WARNER & CO. LTD.,  
Power Road, London, W.4.

P.A.T.A.

**BLAND****RAPID-ACTING****PLEASANT**

# Disprin

REGD.

is a superior analgesic  
 available for the personal use  
 of everyone



"DISPRIN" provides a soluble form of aspirin in stable condition. It is a product of outstandingly high quality.

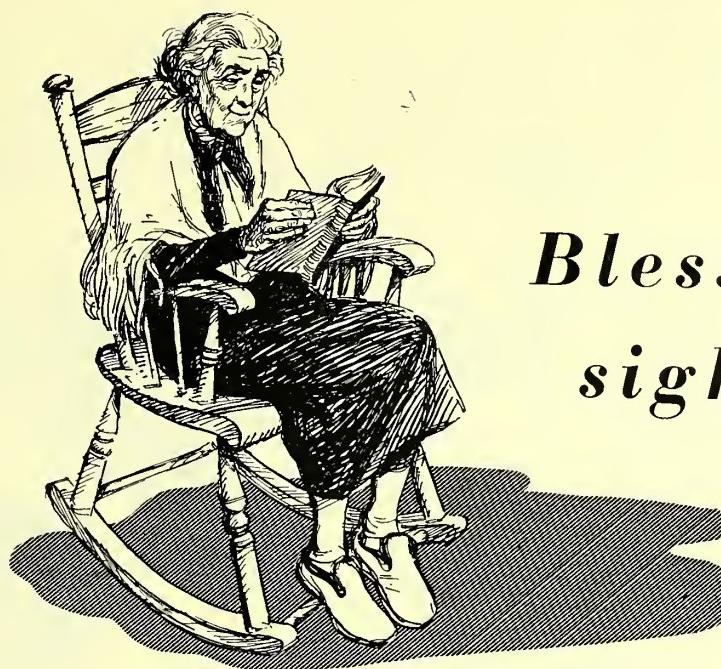
**RETAIL PRICES**  
(incl. P.T.)

50-tablet bottle 3/3  
 26-tablet bottle 1/11½  
 8-tablet foil 9d.

**TRADE PRICES**  
(excl. P.T.)

50-tablet bottle 23/- doz.  
 26-tablet bottle 13/10 doz.  
 8-tablet foil 5/2 doz.

N.H.S. basic price 300 tablets in foil 7/6



## Blessed sight

Scrupulous care of the eyes is of vital importance *at every age* if the gift of sight is to be preserved to the end of life's span. If infection should strike, it must be countered promptly . . . safely . . . decisively.

How imperative then is the right choice of therapy.

Today, for a wide variety of ocular infections, ACHROMYCIN tetracycline provides the safe and logical treatment. While the antibiotic is wholly innocuous to the most delicate tissues, it is swiftly lethal to the invading organisms. Local measures with ACHROMYCIN Ophthalmic Ointment or Ophthalmic Powder Sterilized are often fully adequate; in severe cases, topical therapy is wisely reinforced by systemic treatment with one of the oral forms of the drug.

# ACHROMYCIN\*

\* Registered Trade Mark

TETRACYCLINE

ACHROMYCIN OPHTHALMIC OINTMENT  
SIX TUBES OF  $\frac{1}{8}$  OZ.

ACHROMYCIN OPHTHALMIC STERILIZED  
ONE VIAL WITH STERILIZED DROPPER VIAL



LEDERLE LABORATORIES DIVISION



Cyanamid Products Ltd. BUSH HOUSE • LONDON • W.C.2 TEMPLE BAR 5411

# "Skylon"

POLYTHENE BOAT SHAPED  
BABIES FEEDING BOTTLE

This new boat shaped babies' polythene feeding bottle has been specially developed to meet popular request. It is unbreakable, hygienic, tasteless, odourless and unaffected by foodstuffs. Openings at either end make for easy cleaning and its light weight makes it ideal for the small infant. All standard teats and valves will fit the necks.



RATA

Packed in individual cartons with full sterilizing instructions.



ACORN 5073/4

## FIBRE NYLIE

L I M I T E D

157 DUKES ROAD · WESTERN AVENUE LONDON · W.3



NEW PACK  
—BIG NEW  
APPEAL!

Watch your sales grow

**A**N instant success. The old familiar family remedy in a bright, colourful new pack. Splendid for effective window and counter display. And big new press advertising campaigns are now getting into full swing. Put GALLOWAY'S right in the forefront this winter and watch your sales grow! PRICES 1/3½, 2/1½ and 3/9.

**GALLOWAY'S**  
COUGH SYRUP

P. H. GALLOWAY LIMITED, LONDON, S.E.17

IT IS NOT  
A MATTER OF  
LUCK!

Printing is a matter of choosing  
the right printer  
for the right job.

THE CHEMISTS'  
PRINTING FIRM

who knows exactly your  
requirements!

ALF. HARRISON & SONS LTD.

Carton, Medical and Advertising Printers  
BURLEY ROAD, LEEDS, 4

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(continued overleaf)

## Vital points about Entacyl, the new versatile anthelmintic

1. Effective against threadworms and roundworms which it eradicates rapidly without harm to the patient.
2. Administration is not associated with nausea or side effects even in very young children.
3. Complete eradication is obtained without an enema.

THE BRITISH DRUG HOUSES LTD. LONDON N.1

**'ENTACYL'**  
TRADE MARK

**TABLETS OF PIPERAZINE ADIPATE 300 mg.**  
(BRIT. PAT. APPN. NO. 29123/53)

Bottles of 25 tablets	TRADE 3/-	RETAIL 4/6
" " 100 "	" 10/-	" 15/-
" " 500 "	" 42/-	" 63/-

**SUSPENSION 300 mg. PIPERAZINE ADIPATE**  
in each half-teaspoonful

Bottle of 8 fl. oz. (225 ml.)	TRADE 12/-	RETAIL 18/-
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*From the Carnegie Range of Fine Chemicals*

## PIPERAZINE COMPOUNDS

### CARNEGIES OF WELWYN LTD

Telegrams: 'CARNEGIES, WELWYN GARDEN CITY'

Telephone: WELWYN GARDEN 5001

(6 lines)



# d.d.s sulphone

(4,4' diamino-diphenyl sulphone)  
Dapsone B. P. C.

grade

technical  
crystallized  
microcrystallized



6, RUE MONSIEUR - PARIS 7<sup>e</sup> - TÉL. : SÉG. 71-33

**ROUSSEL LABORATORIES**

847, Harrow Road LONDON - N. W. 10 - Telephone : Ladbroke 3608

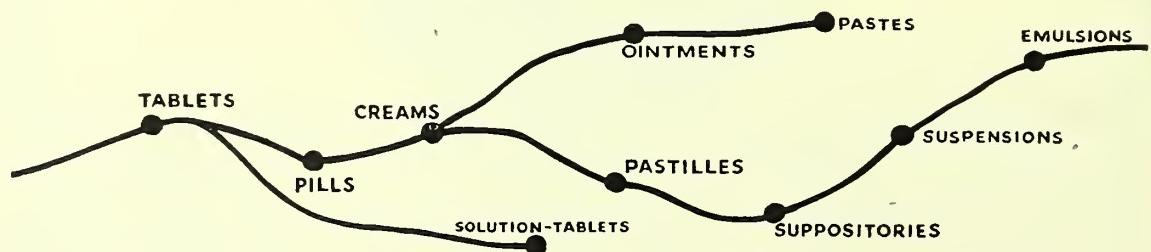
LEON ULLMAN - PARIS



Photograph

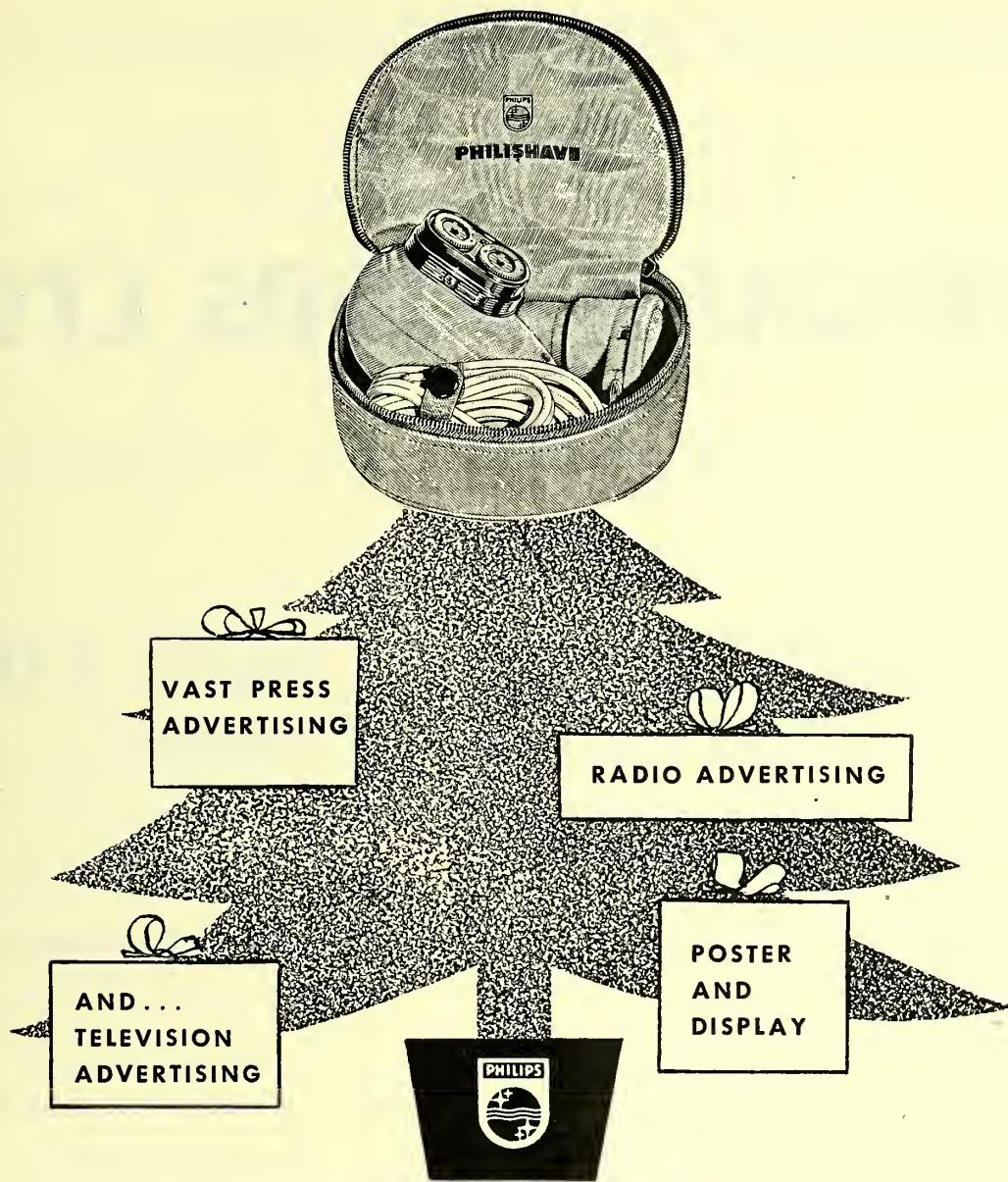
by courtesy of British Railways

**Make it your permanent way**



**ARTHUR H. COX & CO. LTD., BRIGHTON, ENGLAND.**

*One of the world's foremost tablet makers*



## **PHILISHAVE — the top sales star on your Christmas tree**

There's no question about it: this Christmas sales of the 'Philishave' will be higher than ever. For never before has there been such an avalanche of advertising for any dry shaver in Britain. And on top of all that there are thousands of recommendation sales, making the sort of sales snowball only possible when you get a superlative product that really lives up to the claims made for it. So give the 'Philishave' top billing in your Christmas show . . . it's already got it everywhere else !

# **PHILIPS ELECTRICAL LTD**

Century House, Shaftesbury Ave., London, WC2  
(PS623)

# BEECHAM FOODS LTD

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## REVISED RETAIL PRICE LIST for Toilet and Medicinal Products

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Price changes resulting from the October Budget Purchase Tax increases affect all Toilet and Medicinal products sold by Beecham Foods Ltd. Here are the new retail selling prices of the products concerned.

## REVISED RETAIL PRICE LIST

**of Toilet and Medicinal Products • 27th October, 1955**

<b>TOILET PRODUCTS</b>	<b>RETAIL SELLING PRICE</b>	<b>Toilet Products contd.</b>	<b>RETAIL SELLING PRICE</b>
Macleans Perox. Toothpaste—std.	1/9	Amami Wave Set Amber—Large	2/10
Macleans Perox. Toothpaste—Ex. Lge.	2/7	Amami Shampoo No. 1	5d.
Brylcreem Tub—Junior	1/10½	Amami Shampoo No. 5	5d.
Brylcreem Tub—Medium	2/10	Bristow's Lan. Cream Shampoo—Small	1/7
Brylcreem Tub—Large	5/-	Bristow's Lan. Cream Shampoo—Large	2/5
Brylcreem Tube	2/10	Bristow's Lan. Liq. Shampoo Sachet	7d.
Silvikrin Liq. Shampoo Sachet	7d.	Bristow's Lan. Pdr. Shampoo	5d.
Silvikrin Powder Shampoo	5d.		
Silvikrin Cream Shampoo Sachet	7d.		
Silvikrin Liquid Shampoo Bottle	1/7		
Bristow's Lanolin Soap—Toilet	10d.	<b>MEDICINAL PRODUCTS</b>	
Bristow's Lanolin Soap—Bath	1/8	Fynnon Salt	2/8
Macleans Perox. Toothpaste with Chlorophyll	2/-	Mac Brand Antiseptic Throat Sweets	1/7
Macleans Solid Dentifrice	1/-	Eno's "Fruit Salt"—Small	2/11
Macleans Solid Dentifrice with Chlorophyll	1/-	Eno's "Fruit Salt"—Large	5/3
Silvikrin Hair Tonic—Small	2/10	Maclean Brand Stomach Powder—Small	2/-
Silvikrin Hair Tonic—Large	4/9	Maclean Brand Stomach Powder—Large	3/3
Silvikrin Hair Dressing—Small	2/10	Maclean Brand Stomach Tabs.—Small	2/-
Silvikrin Hair Dressing—Large	4/9	Dinneford's Pure Fluid Magnesia	2/5
Silvikrin Hair Cream	3/-	Yeast Vite Tablets—Small	1/9
Silvikrin Cream Shampoo—Small	1/7	Yeast Vite Tablets—Large	4/-
Silvikrin Cream Shampoo—Large	2/5	Yeast Vite Tablets—Sachet	5½d.
Amami Wave Set Green—Small	1/6	Beecham's Pills	1/9
Amami Wave Set Green—Large	2/10	Beecham's Pills, Broken Bulk	3 for 4d.
Amami Wave Set Amber—Small	1/6	Beecham's Powders	1/9
		Beecham's Powders, Broken Bulk	2 for 5½d.
		Phensic	1/9
		Phensic Envelope	4½d.

**B E E C H A M   F O O D S   L I M I T E D**



**MONIL COLOUR SHAMPOO**  
is marketed in Great Britain by . . .  
**WELTON LABORATORIES LTD.,**  
SALEM STREET WORKS,  
BRADFORD 1.



#### DISPLAYS

Counter Display Outer containing 12 bottles and Small Counter Showcard available.

ALREADY there is public demand for

**'MONIL'**

ORDER THROUGH YOUR  
WHOLESALE, or, in  
difficulty write direct.



**ISCO Brand**  
Finest Medicinal  
**COD LIVER OIL**  
B.P.

Specially blended to buyers'  
specified potencies

Refined and Packed by

**ISAAC SPENCER & CO.**  
(ABDN.) LTD.

ABERDEEN SCOTLAND

PRODUCERS AND REFINERS OF MEDICINAL  
COD LIVER OIL FOR OVER HALF-A-CENTURY

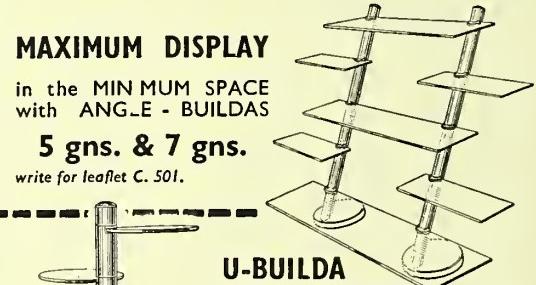
for all  
**DISPLAY EQUIPMENT**

#### MAXIMUM DISPLAY

in the MINIMUM SPACE  
with ANGLE-BUILDAS

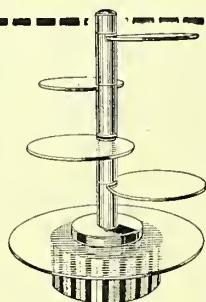
**5 gns. & 7 gns.**

write for leaflet C. 501.



#### U-BUILDA TURNTABLE SET

with reliable Gerrard Turntable  
for eye catching movements  
write for leaflet C. 351.



#### Flexible Electric DEMISTER

only 11/- per foot



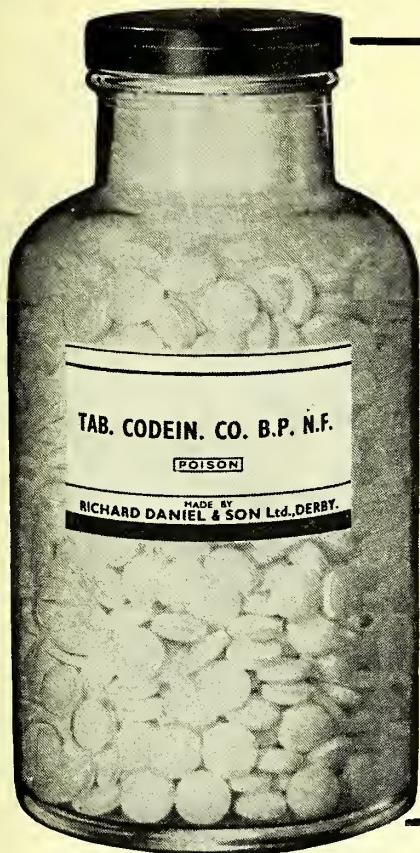
#### NO MORE STEAMY WINDOWS

write for leaflet C. 121.

**WHITMARLEY LIMITED**

KNUTSFORD STREET • BIRMINGHAM 12

Telephone CALthorpe 3601-2-3



# TABLETS of QUALITY

*Manufactured by  
modern machinery  
under skilled supervision*

*Quotations for large or small quantities*

**RICHARD DANIEL & SON LTD**  
MANUFACTURING CHEMISTS

MANSFIELD ROAD **DERBY** TEL. 48266 (4 lines)  
AND AT GROSVENOR STREET, ASHTON-U-LYNE. TEL. 2816 (3 lines)

**Containers—**  
*with all fittings*

**Corrugated pull-through boxes**  
*with or without divisions, of course!*

**COMPRESSED PAPER PACKING LIMITED**

HORTON ROAD · WEST DRAYTON · MIDDLESEX · Tel: WEST DRAYTON 2237



**ONLY 7 DAYS TO GO...**

**best-ever bonus offer for**

# **Blue Velvet**

**closes on 2nd December!**

As the big, new advertising campaign for Blue Velvet is getting into its stride, demand keeps building up and more and more bottles of Blue Velvet are being sold over chemists' counters...

*Blue Velvet offers you a fast, profitable turnover and the best bonus bet in the hand lotion field...*

There is still time to place another bonus order for Blue Velvet at these 'best-ever' terms, giving you an extra profit on every sale... at 2/5d. or 4/3d. a time.

*Powerful, sales-building advertising continues at full strength. Make it work for you, by displaying Blue Velvet prominently!*

**ORDER TO-DAY!**

45/- of Blue Velvet (trade price) ordered now brings you 12 for the price of 10

£4 of Blue Velvet (trade price) ordered now brings you 12 for the price of 10

NOTE—Minimum outers (1 dozen for 2/5 size and ½ dozen for 4/3 economy size) cannot be split up. Orders for £4 or over, to qualify for the 12 for the price of 10 bonus must include some of both sizes of Blue Velvet.

**Full details and Bonus Order Forms will be gladly sent on request**



# Blue Velvet

## Hand Lotion by NIVEA

smith & Nephew Limited · Welwyn Garden City · Herts.



*"they're mine!"* says Carole Carr

CAROLE CARR SAYS: 'I'm glad Nivea thought of Blue Velvet. I love using a Hand Lotion made by skin-care experts!'

**Hand-proud women choose Blue Velvet  
... it's made by skin-care experts!**

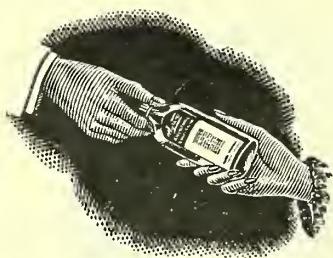
Nivea make Blue Velvet rich in skin-nourishing 'Eucerite'—to replace the natural oils that housework takes from your hands. Keep Blue Velvet in your kitchen, bathroom and bedroom—to use often! Film stars have smoother, whiter hands with Blue Velvet—and so will you!



**2/5**  
and  
**4/3**  
(more than double size bottle)  
  
an  
S&N  
product

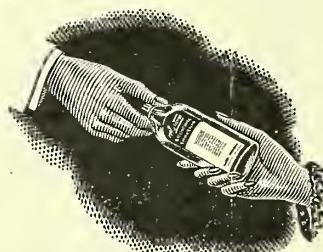
**Blue Velvet** HAND LOTION BY  
**NIVEA**

This is one of the new advertisements featuring celebrities. They are appearing regularly in the Daily Mirror, Woman, Woman's Own, Woman's Weekly, Reveille, & eight other leading publications.

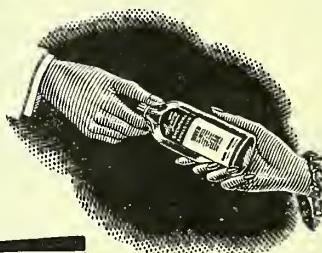


they come back

again



and again



and again

*Ayrtos*  
LIVERPOOL

for

# BRONCHIAL EMULSION

Always the favourite with  
those who prefer a fixed-  
price, branded Bronchial  
Emulsion.



Size	Trade	Retail
8 oz.	19/6 per doz.	3/3 each
16 oz.	31/6 ,,"	5/3 ,,"

plus 30% tax.



**AYRTON SAUNDERS**

& CO. LTD

HANOVER STREET · LIVERPOOL

Telephone Royal 8282

# NATURAL COLD-PRESSED ALMOND OIL



Almond Oil Presses at Wharf Road.

For stability and low acidity there's nothing to touch the natural expressed oils, prepared without chemical treatment, water treatment or heat treatment, in our Wharf Road Works.

This is one of our specialities. We can quote you for genuine Almond or, at a slightly lower rate, for Persic oil expressed from Peach and Apricot Kernels.

**NO CHEMICAL TREATMENT  
NO WATER TREATMENT  
NO HEAT TREATMENT**

} *Unequalled  
Quality*

# Stafford Allen S

*Quality in White Flint  
Glass Containers*



- Prompt delivery from stock
- Packed in easily handled cartons

**NATIONAL GLASS  
WORKS (YORK) LTD.**

FISHERGATE, YORK Tel. YORK 3021.  
ALSO AT 105 HATTON GARDEN, LONDON, E.C.1.  
TEL. HOLBORN 2146.

TRADE  MARK

**DISPENSING BOTTLES**

1-oz. to 20-oz.

**BOW-FRONT PANELS**

1-oz. to 8-oz.

**TABLET BOTTLES**

Nos. 1 to  $7\frac{1}{2}$  sizes.

**ROUND SCREW JARS**

Tall and Semi-squat.

**RIBBED OVALS**

$\frac{1}{2}$ -oz. to 16-oz.

**PANELLED FLATS**

1-oz. to 4-oz.

**OLIVE OIL BOTTLES**

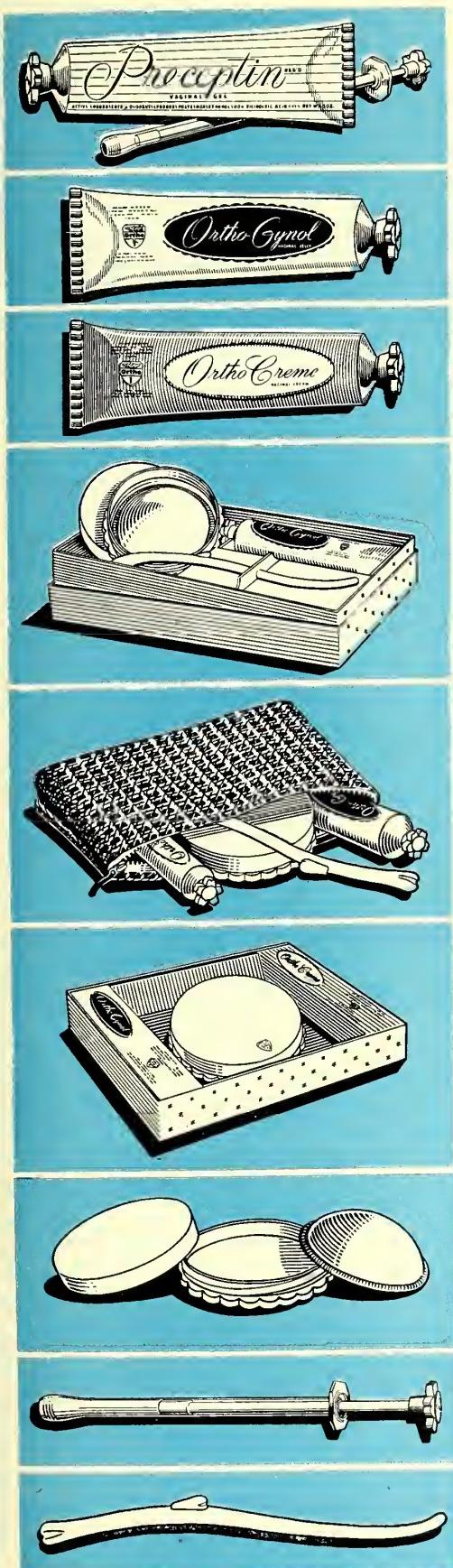
$2\frac{1}{2}$ -oz., 5-oz. & 10-oz.

**VIALS**

$\frac{1}{2}$ -oz. to 3-oz.

**WHOLESALE ONLY**

*Bow-Front Panels now also available in 16oz. size.*



# Ortho

*the ethical name in contraception*

## Preceptin Vaginal Gel: contraceptive gel for

use without a diaphragm.

Package A: 85 gm. tube, with Ortho Applicator.

Package B: 85 gm. tube.

## Ortho-Gynol: contraceptive jelly.

Package A: 85 gm. tube, with Ortho Applicator.

Package B: 85 gm. tube.

## Ortho-Creme: contraceptive cream.

Package A: 75 gm. tube, with Ortho Applicator.

Package B: 75 gm. tube.

## Ortho-Gynol Set:

85 gm. tube of Ortho-Gynol

Ortho Diaphragm } in sizes 55 to 95

Ortho Diaphragm Introducer } (in 5 mm. gradations).

## Ortho-Creme Set: as Ortho-Gynol Set with

tube of Ortho-Creme instead of Ortho-Gynol in sizes 55 to 95 (in 5 mm. gradations).

## Ortho De Luxe Kit: containing full size

Ortho-Gynol, trial size Ortho-Creme, Ortho Diaphragm and

Diaphragm Introducer in woven plastic zipper bag. Sizes

55 to 95 mm. (in 5 mm. gradations).

## Ortho Diaphragm Duo-Pack: containing:

Ortho Diaphragm in sizes 55 to 95 (in 5 mm. gradations).

Trial size Ortho-Gynol.

Trial size Ortho-Creme.

## Ortho Diaphragm: coil spring, sizes 55 to 95

(in 5 mm. gradations).

## Ortho-White Diaphragm: flat spring, sizes

55 to 95 (in 5 mm. gradations). Each Ortho Diaphragm is

packed in a permanent and beautiful plastic box.

## Ortho Applicator: for vaginal application of

measured dose (5 cc.) Ortho-Gynol, Ortho-Creme or

Preceptin Vaginal Gel.

## Ortho Diaphragm Introducer: individual

introducers to accommodate diaphragms sizes 55 to 95 (in

5 mm. gradations).



**Ortho Pharmaceutical Limited**

HIGH WYCOMBE · ENGLAND

**There are now**

**5**

**'SPANSULE'\***  
**Presentations**

**NEW**

**'DRINAMYL  
SPANSULE'  
(BRAND)  
CAPSULES**

**for the harassed patient**

**STRENGTH No. 1 containing :**

10 mg. 'Dexedrine' (dextro-amphetamine sulphate)  
65 mg. (gr. 1) amylobarbitone

Available in containers of 30 capsules

Trade Price 70/- per dozen

**STRENGTH No. 2 containing :**

15 mg. 'Dexedrine' (dextro-amphetamine sulphate)  
97 mg. (gr. 1½) amylobarbitone  
Available in containers of 30 capsules  
Trade Price 81/4 per dozen

**'DEXEDRINE  
SPANSULE'  
(BRAND)  
CAPSULES**

Available in containers of 30 capsules  
10 mg. — Trade Price 49/6 per dozen  
15 mg. — Trade Price 58/6 per dozen

**PHENOBARBITONE  
'SPANSULE'  
(BRAND)  
CAPSULES**

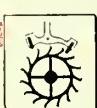
Available in containers of 30 capsules  
Gr. 1 — Trade Price 53/3 per dozen  
Gr. 1½ — Trade Price 59/3 per dozen

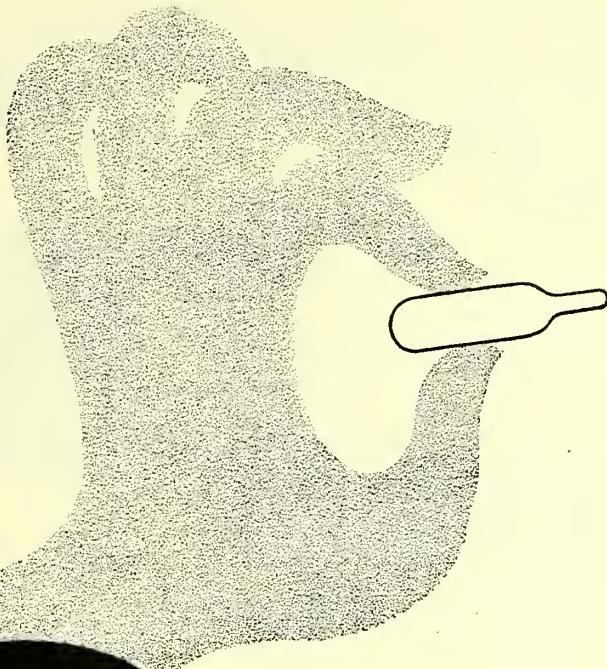
**MENLEY & JAMES, LIMITED**

COLDHARBOUR LANE, LONDON, S.E.5 Tel: BRIxtton 7851

for Smith Kline & French Int. Co. owner of the regd. trade marks 'Drinamyl', 'Dexedrine' and 'Spansule'

\*Brit. Pat. No. 715,305





## For the relief of respiratory congestion



An effective inhalant for treating congestion in cases of bronchial catarrh, common cold and bronchitis, Crookes KARVOL Inhalant Capsules clear respiratory tracts rapidly and decrease irritation.

Patients find the ease of application practical; all that is required is to snip off the end of the capsule and squeeze the contents into a handkerchief.

Contains chlorothymol 0.7%, chlorbutol 6.6%, menthol 7.9% and the essential oils terpineol, oil of cinnamon and oil of pine.

#### PACKING AND PRICE:

Bottle of 20 capsules—3/4 (incl. P.T.).

## Crookes KARVOL INHALANT CAPSULES



*Further outlook—  
COLD and WET!*

Just the weather for Rheumatism,  
Fibrositis, Lumbago, Stiff Neck  
and

# RADIARAY

## INFRA-RED

and Radiant Heat Lamps.

One of the  
Tax free  
Prescription  
Models



Unbeatable value at prices from 73/- retail  
including Tax.

Illustrated brochure available from

Dept. 6, **Hinders Limited** 174/192 Estcourt Road, London, S.W.6. Est. 1919

## Your own proprietary lines manufactured and packed in AUSTRALIA

Australia's high standard of living makes it a rich market for proprietary lines — chemists' lines, cosmetics, groceries, horticultural and veterinary products etc. To avoid difficult import restrictions, and freight and insurance costs, many manufacturers are now having their goods prepared and packed in Australia.

Since 1888

Simpson's Manufacturing Pty. Ltd., of Melbourne, Victoria

and Sydney, New South Wales, has been producing articles of this kind since 1888. They now list over a thousand clients from all parts of the world. Clients' specifications are faithfully followed and utter secrecy is observed. Distribution, marketing and advertising facilities in all states are available if required.

Further details and quotations will be gladly given without obligation.

**SIMPSONS**  
SINCE 1888

Barkly Avenue, Burnley, Melbourne, E.I., Victoria, Australia.

How do they ask for a vacuum flask?



**THERMOS**

every time!

Yes, customers young and old ask for Thermos when they want a vacuum flask (or a jug or a jar) . . . because Thermos is the original vacuum flask, the most efficient, and—in the long run—the cheapest. All Thermos flask models now have the new easy-pouring lip.

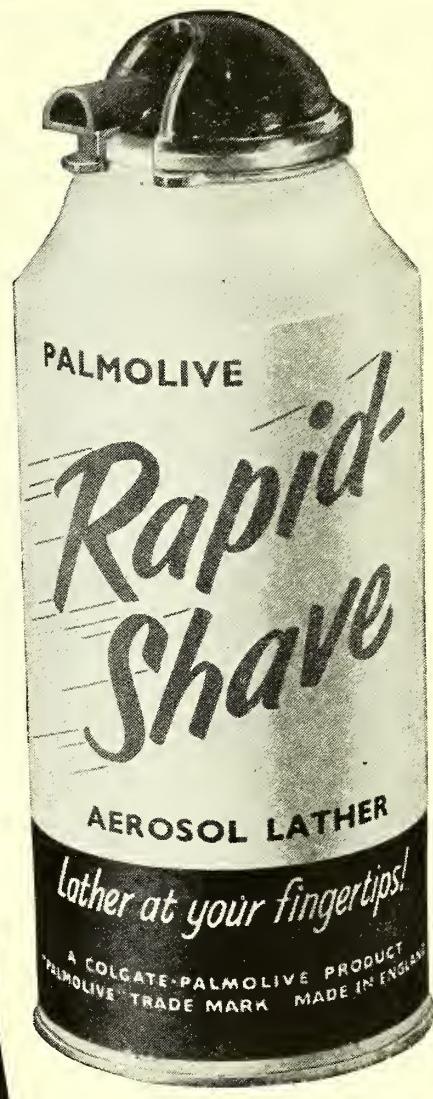
There's always a sale for

**THERMOS**



*For Tubes  
and Plastics*

*and now  
AEROSOL  
.CONTAINERS!*



**UNIVERSAL METAL PRODUCTS LTD.**

SALFORD 6 LANCS. Telephone: PENDLETON 4444  
LONDON OFFICE: ARGYLE HOUSE, 29/31. EUSTON ROAD, N.W.1. TEL. TERMINUS 2073

## NIVEA CREME IN CHRISTMAS WRAPPERS



Nivea goes gay in a bright, removable gift wrapper, a real winner! It'll be snapped up for Christmas Trees and Stockings! Put your order in now—in time for Christmas displays!

**NIVEA CREME** Trade prices 7/1 & 12/- per doz.



Smith & Nephew Ltd.,  
Welwyn Garden City,  
Herts.



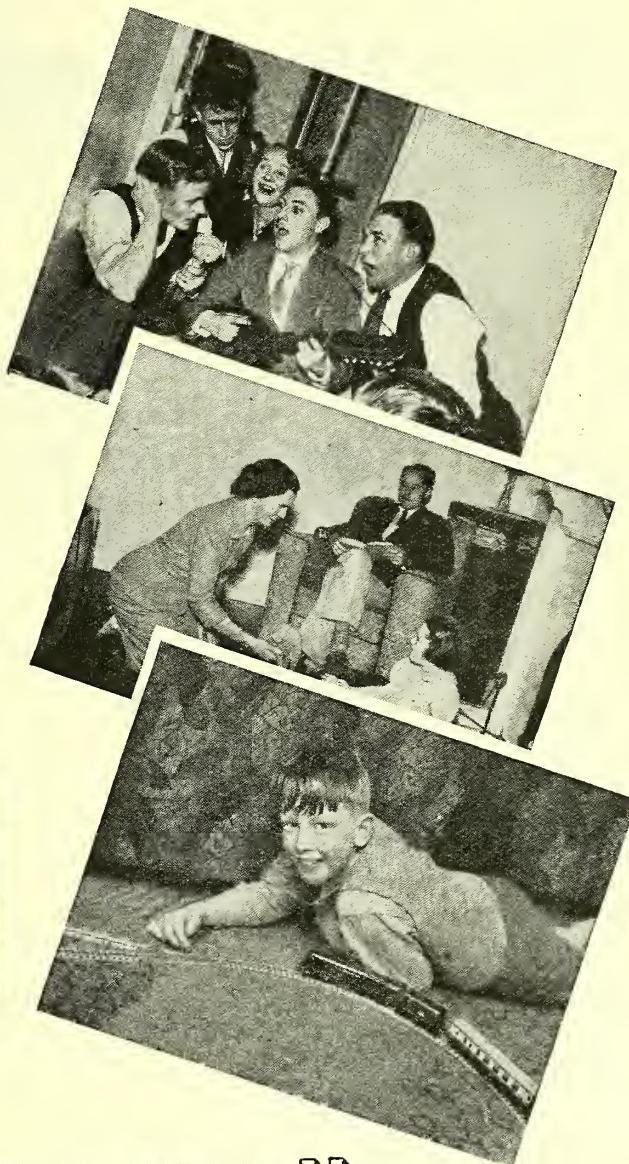
# TO HELP YOU SELL MORE FLASH THIS WINTER!

**R**IIGHT through the winter Philips are running a striking campaign for flash photography with "Photoflux" flashbulbs. Photographs like these, illustrating the various occasions and settings suitable for flash, will be appearing regularly in the photographic press. Copy will tell the story behind each shot and mention the type of "Photoflux" flashbulb used.

## MORE SALES OF ALL FLASH EQUIPMENT

Not only flashbulbs but all kinds of flash equipment will sell as a result of this winter campaign. Make it quite clear you stock "Photoflux" by keeping your window and shop interior alive with "Photoflux" display material.

"Perfection in a Flash", Philips Free reference booklet, will be featured in all the winter advertising. So keep a place clear on your counter for this helpful Free booklet.



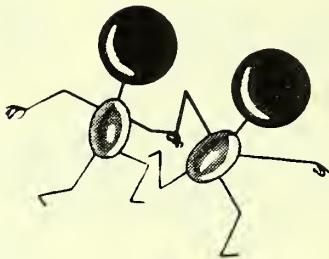
**PHILIPS**  
**"PHOTOFUX"** (Made in Holland) **FLASHBULBS**

*for "Perfection in a Flash"*



PHILIPS ELECTRICAL LTD. · CENTURY HOUSE · SHAFTESBURY AVENUE · W.C.1  
"PHOTOLITA" PHOTOFLOOD LAMPS · DARKROOM SAFELIGHT BULBS · "PHOTOCRESCENTA" OPAL ENLARGER LAMPS AND PROJECTOR LAMPS  
(PP859REV.)

**Let us put you  
on the map  
in**



## Southern Africa!

The combined purchasing power of Southern Africa's two and a half million whites and over thirty million Africans makes this territory a land of opportunity for the owners of proprietary products. To overseas manufacturers, we can offer the benefit of extensive on-the-spot experience and unequalled assistance in manufacturing, distributing and merchandising in these territories.

**Customers' own material  
processed into**

**COATED PILLS; TABLETS;  
PASTES; OINTMENTS;  
POWDERS, ETC.**



**THERAPION (PTY.) LTD.** Manufacturing Chemists

THIRTEENTH ROAD, KEW, JOHANNESBURG, TRANSVAAL, SOUTH AFRICA  
P.O. Box 70 BRAMLEY

Chairman:  
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F. A. BERRILL, C.G. KERR,  
L. F. CRAIG,  
A. E. GOODMAN

*For more than 100 years*

## CAMTHOL

*has been recommended  
for COUGHS & COLDS*

### CAMTHOL LINCTUS

The Cough mixture for Adults

### CAMTHOL PASTILLES

In tins suitable for pocket and handbag

### CAMTHOL VAPOUR RUB

Incorporating the finest Essential Oils



BONUS—Thirteen to the dozen on all orders

	Retail	per doz.
CAMTHOL LINCTUS	2/11 per bott. inc. P.T.	Cost 27/-
CAMTHOL PASTILLES	1/9 per tin inc. P.T.	Cost 15/-
CAMTHOL VAPOUR RUB	1/9 per jar inc. P.T.	Cost 15/-

**B. HOOPER & CO. LTD.**

6 RAILWAY PLACE, FENCHURCH STREET,  
LONDON, E.C.3.

## TWINKLE GLINTS for Decoration

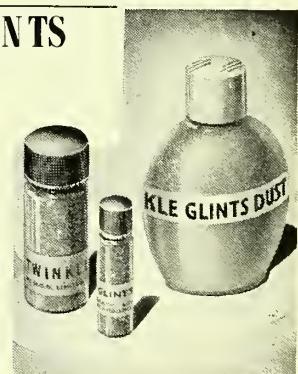
IN ALL COLOURS

Manufactured by

**H. D. G.  
(Pharmaceuticals)  
LIMITED**

LEEDS & SCARBOROUGH

Send for sample and price to:  
HUNGAR HOUSE,  
GREAT GEORGE ST, LEEDS, 1



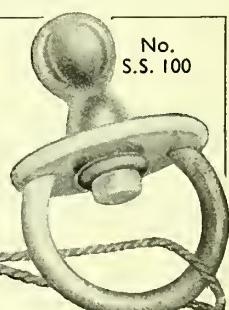
## "HOLDFAST" SAFETY SOOTHER

(Patented)

Fitted with

PURE LATEX  
CHERRY or STRAIGHT  
TEAT.

Ask your wholesaler or  
write us for your nearest stockist

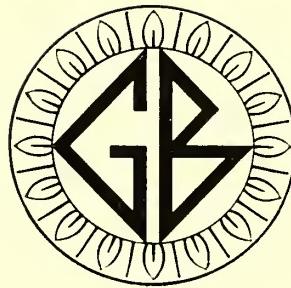


**MAYLEN MFG. CO., LTD.**  
7-9 HOLLOWAY HEAD • BIRMINGHAM 1

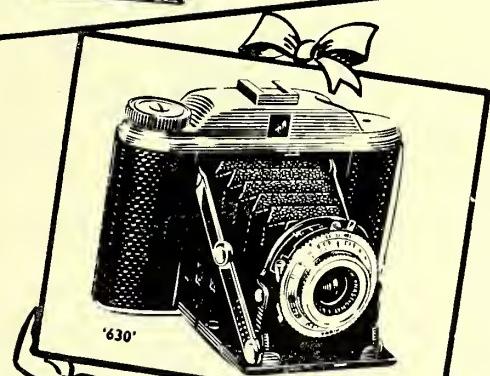
# *Snap up the Christmas trade*



*with*



## CAMERAS



The G.B.-Kershaw '110' Camera makes the ideal Christmas present—at just the right price for the pocket-diving days before Christmas. Make sure NOW, that you will have what the Christmas shoppers want. Our Christmas advertising will be sending them into your shop in good time.

*The '110'*

with f/11 fixed focus lens £5. 19. 10 (inc. P. Tax)

*The '630'*

with f/6.3 coated Anastigmat lens £10. 8. 6 (inc. P. Tax)

**Snap up the profits this Christmas with G.B.—Kershaw**

*Distributed by*



Photo and Optical Division, Dept. CD/26/11/55  
Mortimer House, 37-41 Mortimer Street,  
London, W.1. Telephone: MUSEum 5432

# BENGUE'S BALSAM

*Rapid relief from the pains of  
RHEUMATISM, SCIATICA, NEURALGIA  
MUSCULAR FATIGUE AND STRAIN  
IS OBTAINED WITH BENGUE'S BALSAM*

Steady Mail, Press and Personal Propaganda is maintained amongst members of the Medical Profession. Stock now to ensure meeting the demand which the season will bring.

**PRICES TO YOU:**

Small size 15/9 doz. plus 4/7 P.T.  
Large size 27/6 doz. plus 8/- P.T.  
1 lb. Dispensing Packs 28/- each net

**RETAILING AT:** 2/2 & 3/9 per tube

When a cough sedative,  
expectorant and respiratory  
tonic is required . . .

## PULMO-BAILLY

IS THE ANSWER



90 c.c. BOTTLE

Your price 34/- per doz. plus 9/11½ P.T.

Retailing at 4/8 each

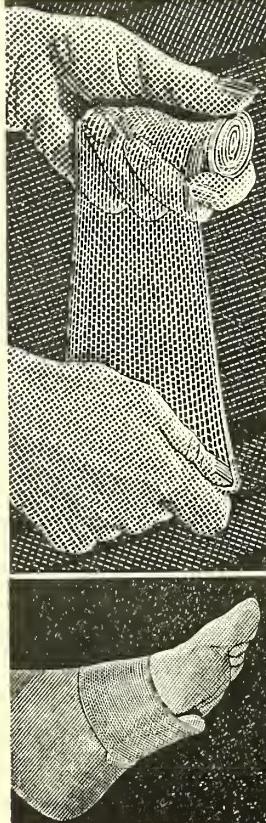


DISPENSING PACKS

16 fl. ozs. 11/6 net. 80 fl. ozs. 45/- net.

## BENGUE & CO., LTD.

Manufacturing Chemists, MOUNT PLEASANT, ALPERTON, WEMBLEY, MIDDX.



*When they ask  
for 'elastic net'  
they mean  
**LASTONET***

**ELASTIC NET BANDAGE** Supplied with ordinary National Health prescription. The fine Lastonet elastic net provides firm, constant support without restricting movement.

**METATARSAL PAD** Chamois covered foam rubber pad with band of Lastonet. Exerts corrective influence to relieve arch strain and tired feet.

**ARCH BINDER** Affords relief in cases of strained arches.

**FINGER STALLS** Require no strap or binding. In five sizes.

**ADJUSTABLE BRACE ATTACHMENT** Elastic. For male wearers of surgical stockings.

*Liberal discount to all stockists*

**Lastonet**  
PRODUCTS LIMITED  
CARN BREA, REDRUTH, CORNWALL  
©6

## "ZORBO" (REG'D) Superfine Cotton Wool

This is a very old Trade Mark of ours and a product for many years in use by the Medical Profession and all those requiring a First Class Superfine Cotton Wool. Now packed in attractive white Cartons in various sizes and would be readily acceptable to your more exacting customers.

●  
Of course this is just one of our Manufactures. We also supply in Cartons all BPC Dressings in Cotton Wool, Lint and Gauze.

●  
Our products are obtainable from Wholesalers, but should you have difficulty a line to us will have prompt attention.

## ROBERT BAILEY & SON, LTD.

SURGICAL DRESSINGS MANUFACTURERS  
DYSART STREET, GREAT MOOR, STOCKPORT  
Phone: STEPPING HILL 3006/7 Grams. "UNDISPUTED" STOCKPORT

# A new prescription is coming your way



## .....P·R·E·L·U·D·I·N.....\*

brand of 2-phenyl-3-methyl-tetrahydro-1,4-oxazine-hydrochloride

*the Appetite Controlling Agent that Reduces the Risk of Reducing — even in Cardiovascular Disorders.*

From 1st November powerful advertising with full pages in the Medical Press, supported by a heavy mailing campaign, will introduce PRELUDIN to the medical profession.

PRELUDIN with its outstanding features is destined to become the prescription of choice in all cases of obesity.

**Prescriptions for PRELUDIN  
will soon be handed over your counter.**

*The medical profession will prescribe PRELUDIN because:*

- PRELUDIN is safe, swift and sure for all patients — even for those with cardiovascular disorders and hypertension.
- PRELUDIN acts quickly and effectively, and without risk, by curbing the patient's appetite and breaking the psychogenic overeating habit.
- PRELUDIN enables the patient to lose weight safely and without mental strain by strengthening adherence to a prescribed diet.
- PRELUDIN, unlike dexamphetamine, does not raise the blood pressure, does not affect the heart, and does not create excessive mental stimulation.

*Be sure that you are ready to dispense this new prescription.  
Supplies are available from your usual wholesaler.*

### PRELUDIN — THE SAFE PRESCRIPTION FOR OBESITY

Manufactured and distributed in England by Pfizer Ltd. for C. H. Boehringer Sohn, Ingelheim am Rhein, Registered proprietors of the trade mark.

\* Regd. Trade Mark



# PERSOMNIA LTD

*announce*

## NATIONAL ADVERTISING CAMPAIGN FOR **Persomnia** *for INSOMNIA and DAYTIME TENSION*

### THE SAFE SEDATIVE

**persomnia's** fifteen years steady rise in reputation to a position where it enjoys the confidence of the doctor, the chemist and the customer, gives "something to shout about".

Nation wide publicity, using large spaces, and commencing 19th November, 1955, is aimed during the first six months at an approx. 177,000,000 reader circulation in 40 national daily and Sunday newspapers, women's weekly and monthly magazines, religious papers, general interest magazines including Readers Digest. Frequent radio broadcasts as from January 1956 will add to the publicity we are proud to give to this time-tested safe sedative.



DISPLAY **persomnia**, the safe specific for insomnia and daytime tranquillity to link YOUR point of sale with OUR national campaign and increase YOUR turnover and incidentally YOUR profit.



### Note re distribution

Clinical Products Ltd.,  
2 The Green, Richmond,  
Surrey, have been  
appointed sole  
distributors in the U.K.  
**ORDER FROM  
YOUR WHOLESALER  
OR DIRECT FROM  
RICHMOND ON  
'C.P.L.' BEST  
TERMS.**

# YOU CAN sleep tonight and be calm and composed all day tomorrow . . .

SLEEP IS A HABIT acquired when we are very young, but remains only with the fortunate few throughout life. When it's well past midnight—again—and your night keeps ticking away—no rest—no sleep—no rest—no sleep—temporarily YOU HAVE LOST THE HABIT OF SLEEP, THROUGH NERVOUS TENSION, WORRY, OVERWORK, BRIEFLY : 'STRESS', You can quickly REGAIN THE HABIT OF SLEEP with **persomnia** a "Safe Sedative", widely prescribed by Doctors for over 15 years. **persomnia** is "SAFE" because it does not become a habit, produces no morning drowsiness, and even if taken late at night you will awake refreshed.

When you lie awake at nights, sleepless under the strain of modern life, neither your mind nor body can relax and store energy for tomorrow. Exhausted and irritable all next day, you face another sleepless night. **persomnia** can break this vicious circle and, blessed by the gentle touch of sleep, you will once again be fit for next day's work. *You can rely on persomnia and discuss it with your Doctor—he knows all about it.*

**TRY THIS TEST :** Take 2 **persomnia** with warm milk or warm water at bedtime, retiring at the same hour each night. You will soon find that you may dispense with **persomnia**, for you will have REGAINED THE HABIT OF SLEEP.



This is  
the first  
of many  
advertisements  
which  
will bring  
new  
**persomnia**  
customers  
to you

# Persomnia for INSOMNIA and NERVOUS TENSION

A Safe Sedative • Not Habit-forming • No Morning Drowsiness

**YOU CAN SLEEP TONIGHT AND BE CALM AND  
COMPOSED ALL DAY TOMORROW**

From all Chemists, 16 tablets 2/6, 36 tablets 5/-, 100 tablets 12/3

# New beauty pack for Endocil

will send  
your sales  
higher  
yet!

- 1 It is to be nationally advertised.
- 2 It is available only through chemists.
- 3 A special display discount gives exceptional profit.
- 4 The effectiveness of the cream has been proved. This ensures repeat business through you.
- 5 New display material (including an attractive stand for the new jar) is available on demand.

Retail prices (including Purchase Tax.)

**BEAUTY JAR 13/7½ HANDBAG TUBE 5/7½**

ORGANON LABORATORIES LIMITED · BRETTENHAM HOUSE · LANCASTER PLACE · W.C.2



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LIBRARY

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No.



# THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

*Official organ of the Pharmaceutical Society of Ireland and the Pharmaceutical Society of Northern Ireland*

Volume 164 November 26, 1955 No. 3953

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EDITORIAL AND PUBLISHING OFFICES  
28 ESSEX STREET, STRAND, LONDON, W.C.2

Telephone: Central 6565

Telegrams: Chemicus, Estrand, London

Branch Offices:

BIRMINGHAM, 2: 111 New Street.

Phone: Midland 2921

GLASGOW: 24 Dixon Road, S.2. LEEDS, 16: 32 Wynford Ricc.  
Phone: Pollock 4802

West Park. Phone: Leeds 78438

ANNUAL SUBSCRIPTION, which includes The Chemist and Druggist Diary and Year Book, £2. Single copies one shilling each.



## Most babies already eat Heinz Strained Foods—

**MAKE SURE YOU GET YOUR SHARE  
OF THIS GROWING MARKET!**

It's a fact! The majority of babies of strained foods age have Heinz Strained Foods. That's a lot of baby customers! And a lot of mothers who would be glad to buy Heinz Strained Foods from you! If you encourage them.

Many more customers will be coming to you! More and more mothers are learning about the goodness and the variety of Heinz Strained Foods—from the tremendous Heinz advertising campaign, from their friends, and from their own experience.

Do yourself a good turn! Catch the mother's eye—remind her of her baby's need for Heinz Strained Foods—by displaying all 19 varieties. And ask your Heinz representative for the sales-compelling display material, or write direct to the address below. That's all you have to do! Your reward will be an increased share in this growing baby-food business.

(57) **HEINZ**  
**Strained Foods**

H. J. HEINZ COMPANY LTD., HARLESDEN, LONDON N.W.10

**"I beg  
cold comfort"**

*King John*

The "cold comfort" of our day is 'Vasylox', which rapidly relieves nasal congestion in the common cold, hay fever and similar complaints. Gentle, prompt and lasting in action, it does not stimulate the central nervous system. It is pleasant to use and so safe that children and infants may use it. 'Vasylox' is issued in bottles of  $\frac{1}{2}$  fl. oz., each with a separate dropper.

**'VASYLOX'**

SOLUTION OF METHOXAMINE HYDROCHLORIDE



BURROUGHS WELLCOME & CO. (THE WELLCOME FOUNDATION LTD.) LONDON





# The CHEMIST AND DRUGGIST

Volume 164

NOVEMBER 26, 1955

No. 3953

## Colouring of Tablets

### PHARMACOPÆIAL REQUIREMENTS TO STAY

THE British Pharmacopœia Commission has recommended that the requirements for the colouring of tablets as stated in the British Pharmacopœia should be retained. [The addition of colouring other than that specified in the monographs is not official.]

That was stated in the Commission's report to the Pharmacopœia Committee of the General Medical Council published on November 22. That report states that the sale of 5,960 copies of the 1955 B.P. Addendum in the first four weeks after publication is 60 per cent. higher than the sales of the Addendum 1951 during the corresponding period. The Committee has approved the issue of a supplementary list containing a further eight names approved by the Pharmacopœia Commission.

### P.A.T.A. Council

#### NO CONTESTS IN 1956 ELECTIONS

THERE will be no contest in the 1956 elections to any section of the council of the Proprietary Articles Trade Association. The following candidates and companies have been returned unopposed:—*Retail Section*, Messrs. J. C. Bloomfield, Portsmouth; J. E. Goodall, Ealing; D. A. Rees, St. Albans; F. G. Wells, Hanwell, *Manufacturers' Section*, Allen & Hanburys, Ltd., London; County Laboratories, Ltd., Stanmore; Elliman, Sons & Co., Ltd., Slough; Parke, Davis & Co., Ltd., Hounslow. *Wholesale Section*, Butler & Crispe, Ltd., London; Hall, Forster & Co., Ltd., Newcastle-on-Tyne; Hirst, Brooke, Goodalls, Ltd., Leeds; Jas. Woolley, Sons & Co., Ltd., Victoria Bridge, Manchester.

### Local Rates

#### EARLY DEMANDS IN 1956 URGED

THE Ministry of Housing and Local Government has asked rating authorities to make their rates and issue rate demands as early as possible in 1956. Rating authorities will have new valuation lists in their hands by the end of December and will then give notice that their lists are open to inspection by the public. Proposals for altering the lists may be made on or after April 1, 1956, by which time local authorities will have declared their rate poundages, and ratepayers will be able to tell whether they have to pay more next year in rates or less. A guidance leaflet prepared by the Ministry will be available in December at the places where the new lists are open to inspection.

Resume the inquiry adjourned from October 5 into the conviction of a member of the Society for an offence under the Larceny Act, 1916. (2) Consider information and evidence from which it appears that a member of the Society has been convicted of offences under the Larceny Act, 1916.

### Hospital Supplies

#### S.W. LONDON PHARMACISTS' EVIDENCE

AT a meeting of hospital pharmacists in the south-west metropolitan region (excluding the western area) held on November 19, a statement was made concerning the submission of evidence to the Central Health Services Council Committee on Hospital Supplies. The statement explained that a written memorandum (with supporting documents) concerning the joint contracting scheme for pharmaceutical supplies had been prepared by the South-west Metropolitan Hospital Pharmacists' Committee. That memorandum had been transmitted to the Committee on Hospital Supplies by the Regional Hospital Board, and the Pharmacists' Committee had been invited to give verbal evidence to the Committee on Hospital Supplies on December 13. The representatives attending would be as follows:—Messrs. E. A. Cross (chairman), chief pharmacist, St. Helier Hospital; W. S. Benjamin (secretary), chief pharmacist, Lambeth Hospital; W. E. L. Jones (contracts officer), supplies officer, St. Helier Group H.M.C.; Miss J. Allen, chief pharmacist, Hammersmith Hospital; Messrs. A. Ogden, chief pharmacist, West Park Hospital;



DIPLOMAT VISITOR: The Burmese Ambassador (His Excellency U Kyin, O.B.E.), in company with Dr. F. S. Gorrell (deputy managing director, Evans Medical Supplies, Ltd.), inspects the company's sterile products unit at Speke.

and A. A. Hunt (deputy secretary, South-west Metropolitan Regional Hospital Board).

## Government and Doctors

### FAULTY LIAISON ALLEGED

THE outstanding lesson of the heroin ban controversy has been that the structure for consultations between the Government and the medical profession is faulty, states Dr. A. H. Douthwaite (senior physician to Guy's Hospital, London) in a letter to the *British Medical Journal* of November 19. Dr. Douthwaite says it must now be clear to the Ministers concerned that the medical profession as a whole condemned that restriction [the heroin ban] imposed on clinical practice. Is it possible, he asks, that face-saving was more important than the alleviation of suffering? Hardship to patients involved by the banishment of heroin could be postponed for a few years by the laying in of stocks. Many hospitals had already done so.

## L.C.C. Scientific Work

### REPORT ON WORK DONE IN 1954

A FIRE that caused loss of life prompted an investigation that has been started on the degree of fire risk—if any—from unevaporated residues of inflammable organic solvents left after certain liquid insecticides have been used. The investigation is referred to in the report for 1954 of the scientific adviser to the London County Council. The report states also that spectrophotometric vitamin-A determinations of proprietary vitamin preparations was extended by a series of vitamin-A determinations and had enabled preparations to be recommended that would have the required vitamin content at a substantial saving over earlier costs. A proprietary grey-hair restorer was found to consist of lead compounds which produced lead sulphide. It was considered that considerable risks were involved in handling that preparation. The report is available from the Information Bureau, County Hall, London, S.W.1, or Staples Press, Ltd., 14 Great Smith Street, London, S.W.1, price ninepence.

## Tooth-paste Advertising

### FALSE CLAIMS CONDEMNED

FALSE claims in advertising dentifrices are condemned in the November 15 issue of the *British Dental Journal*. The journal comments on a recent statement by the British Dental Association expressing concern at the trend of some current tooth-paste advertising. It states:—"During this period [the last half-century] a wide variety of claims has been made, the majority of them not based upon acceptable evidence, and some obviously foolish. From the point of view of the public health the evil of false claims lies in the fact that a false sense of security may be engendered. Parents may be led to believe that the use of a certain tooth-paste containing some new "scientific" discovery will, by virtue of the new ingredient it contains,

definitely prevent dental disease, irrespective of diet and feeding habits. It is well known that there is no evidence to support this suggestion, and it is not likely that manufacturers or advertising agents believe such claims to be true. In fairness, it should be stated that there are manufacturers who have so far refused to support their sales by such methods."

## Advertising Films

### THREE DRUG-TRADE AWARD-WINNERS

THE largest audience ever assembled for a programme solely of advertising films saw, at the Empire Theatre, Leicester Square, London, recently, the first London screening of the films that won prizes at the second International Advertising Film Festival held a few weeks ago in Monte Carlo. The eighteen prize-winning films in the programme included a one-minute Technicolor film made for Coty (England), Ltd., "Rhapsody in Red," showing girls each wearing a subtly different shade of lipstick (the film was awarded the Monte Carlo diploma for colour); an Italian film, "The School for Flies," made to promote the sale of DDT for the Geigy organisation (prize for puppetry); and a French film, "Chacun son Tour," for Ovomaltine (French name for Ovaltine) (prize for live action).

## Royal Society

### AWARDS OF MEDALS

THE following awards of medals have been made by the President and the Council of the Royal Society:—*The Copley Medal* to Sir Ronald Fisher, F.R.S. (Arthur Balfour professor of genetics, University of Cambridge), for contributions to developing the theory and application of statistics for making quantitative a vast field of biology; *The Davy Medal* to Professor H. W. Melville, F.R.S. (Mason professor of chemistry, University of Birmingham) for work in physical chemistry and in polymer reactions; and *The Hughes Medal* to Professor H. S. W. Massey, F.R.S. (Quain professor of physics, University College, University of London) for contributions to atomic and molecular physics, particularly in regard to collisions involving the production and recombination of ions.

## Post-graduate Course

### PHYSIOLOGY AND PHARMACOLOGY

AN advanced course in physiology and pharmacology is being held at the department of pharmacy, Liverpool College of Technology, Blackburne Place, Liverpool, commencing April 9, 1956. Pharmacists wishing to attend may obtain application forms from Mr. Denver L. Rees, Laureston, Langlane, West Kirby, Ches. The number taking the course is restricted to sixteen.

## Key Industry Duty

### MORE CHEMICALS EXEMPTED

AN order published as S.I., 1955, No. 1711 exempts the following chemicals from Key Industry Duty, for the

period November 21–February 18, 1956:—4-Aminosalicylic acid, deserpidine, methyl- $\alpha$ -phenyl-2-piperidylacetate hydrochloride, phenoxyethylpenicillin, R. potassium carbonate, and rescinnamine.

## NEWS IN BRIEF

THE annual festival dinner of the Royal Commercial Travellers' Schools is being held in London on March 9.

THE 1956 *Daily Mail* Ideal Home exhibition is being held at Olympia, London, March 6 to 31.

A WINDOW was smashed in the shop of Timothy Whites and Taylors, Ltd., Horsemarket Street, Warrington, Lancs, just before midnight on November 3.

IMPERIAL Chemical Industries, Ltd., has donated £500 to the West Indies Hurricane Relief Fund which totalled £60,000 on November 19.

MR. C. H. G. Millis has been appointed a part-time member of the National Research Development Corporation for three years.

DR. Charles Harris has been appointed deputy Vice-chancellor, London University, for the remainder of 1955–56.

ONE of the first objectives of the newly-formed chamber of trade at Stourport, Worcs, will be to protest against the new rating assessments for business premises.

COSMETICS believed to be valued at several thousand pounds were stolen from Lewis & Burrows, Ltd., 110 New Oxford Street, London, W.C.1, on the night of October 26–27.

SIXTEEN Bury pharmacists visiting the Lancashire Pricing Bureau at Bolton recently saw the prescriptions passed through the various departments.

A PUBLIC protest meeting at Watford on November 21 passed a resolution opposing a scheme to introduce fluoride to the town's drinking-water as an experiment in the prevention of dental decay.

THE Philishave mobile demonstration unit has been awarded the Muir perpetual challenge cup for the best stand in the trade section of the Royal East Berks Agricultural Association Show, held at Maidenhead recently.

THE Burmese Ambassador, Mr. U. Kyin, O.B.E., recently visited the headquarters of Evans Medical Supplies, Ltd., at Speke, Liverpool; he met and talked to the eight Burmese training at Speke for eventual posts in the Burma pharmaceutical industry (picture p. 595).

CHESTER Executive Council has sent, without comment, to all doctors in the country, an analysis of the cost of doctors' prescriptions in an attempt to influence doctors "who may be thoughtless in regard to prescription costs."

WITHIN an hour of the release of Brierley Hill, Staffs, council's plans to re-develop the town's centre, local traders met to consider their opposition at the public inquiry that is being held. The council plans require the demolition of twenty-two shops.

THE annual court of governors of the Commercial Travellers' Benevolent Institution is being held at Berners Hotel, Berners Street, London, W.1, at noon on December 31. All standing candidates are being recommended for election without ballot.

A DUNCAN, Flockhart Fellowship in Allergy has been awarded to Mr. A. B. Taylor, B.Sc., Ph.D. It is tenable in the department of allergy, Wright-Fleming Institute of Microbiology, St. Mary's Hospital Medical School, London, for three years.

A PREVIEW of a number of British commercial television films was given in London recently, including a fifteen-second animated film for Kolynos tooth-paste, two films of fifteen and twenty seconds for Breeze toilet soap, and three thirty-second films for Sunfresh.

ROYAL medals have been awarded to Sir Alexander Todd, F.R.S., professor of chemistry, University of Cambridge (for work in organic chemistry) and to Professor V. B. Wigglesworth, C.B.E., F.R.S., Quick professor of zoology, University of Cambridge (for experimental contributions of outstanding value to many aspects of insect physiology).

"BIG Molecules" is the subject of a series of six Christmas lectures adapted for juvenile listeners and arranged by the Royal Institution, 21 Albemarle Street, London, W.1. The talks are being given at 3 p.m. on December 27, 29, and 31, and January 3, 5, and 7. Subscriptions are £1 (juveniles aged ten to seventeen) and £2 (adults, non-members).

An invited audience of chemists and friends saw the David Whitfield show in London recently. The show was being recorded for broadcasting from Radio Luxembourg by Bile Beans laxative plus, and is one of a series being presented throughout the country, which are broadcast at 8.30 p.m. each Wednesday. In the provinces the shows are open to the public, and admission tickets are being distributed by chemists.

ROBINSON & Sons, Ltd., Chesterfield, are hoping to enter into partnership in Canada with a firm of distributors and manufacturers, said Colonel V. O. Robinson (chairman of Messrs. Robinson) at the annual presentation of long-service awards to employees, recently; the company has five factories in Chesterfield and another in Adelaide, South Australia, and a new factory is being started in New Zealand.

A CONVERSAZIONE that took as its theme the development of the cinematograph in entertainment, industry and education was held at Woolwich Polytechnic, London, on November 19. The event was organised by W. T. Henley's Telegraph Works Co., Ltd., as part of the company's education scheme. Exhibits showed the evolution of the cinema projector in both 16-mm. and 35-mm. sizes.

## LOCAL OFFICERS

### PHARMACEUTICAL SOCIETY

Stafford Branch.—Chairman, Mr. B. Wells; Treasurer, Mr. D. Northwood; Secretary, Mr. J. Black, 3 Walden Avenue, Stone Road, Stafford.

## TOPICAL REFLECTIONS

By Xrayser

### Lack of Guidance

It is, as you suggest in your leader (p. 583), a curious thing that the Pharmaceutical Society has had nothing to say in the matter of a certain proprietary rauwolfia preparation, now removed by the manufacturers themselves from public sale. Guidance has been offered from time to time regarding methylpentynol and other preparations which, in the opinion of the Council, were not suitable substances for free and indiscriminate sale, and it certainly was strange, to say the least, that the Chemists Federation should have intervened in what had every appearance of being a strictly professional matter within the jurisdiction of the Society. There has been ample time for an official pronouncement. There has been, according to the statement of the manufacturers, evidence that the free sale of the drug is undesirable. There has also been a sense of uneasiness, to put it mildly, among informed pharmacists throughout the country that such a drug should be advertised for self-medication. Yet the Society, with access to expert opinion, has refrained from making any pronouncement. I know personally a number of pharmacists who received a sample of the product on its launching, and who, despite public demand, refused to sell the preparation. It is evidence of the pharmacist's sense of responsibility that in many cases he regarded it as his duty to advise the public against unrestricted self-medication, with something which is now admitted to be unsuitable for indiscriminate ingestion. But perhaps we wrong the Society, and misinterpret the "silence of the Square." They may not have heard of the product.

### Trainees

Apprenticeship is now "practical training," and the apprentice has become a student, pupil or trainee. One of the first signs of advancing age is a reluctance to conform to modern usage. That is a charge which cannot be brought against Professor Harry Brindle, formerly dean of the faculty of pharmacy at Manchester University. In presenting his report for 1954-55 Professor Brindle said that the chief difficulty in pharmacy today was not recruitment, but the difficulty of getting pharmacists in retail to accept trainees for either post- or pre-graduate training. He also expressed the view that a solution must be found if private practice were to survive, thus echoing the fears of Professor Todd of Glasgow, who spoke in similar vein in Glasgow recently. I note that the Manchester report indicated that, in July, nineteen students graduated B.Sc. (Pharmacy); five gained honours in pharmacy; three specialised in pharmaceuticals, and two in pharmacology; one graduated M.Sc. and two Ph.D.—a total of thirty-two—while twelve passed the Pharmaceutical Chemist Qualifying examination. Would it be pertinent to ask what precise contribution to the survival of private practice is to be looked for from the results quoted?

### The Medical Exhibition

The list of new products on view at the London Medical Exhibition (p. 577 et seq.) is further indication of the activity displayed by the pharmaceutical manufacturers in the constant search for new remedies and new formulations. A scrutiny of the items listed may not convey much at this stage, but readers would be well advised to retain the pages for reference, for the day will not be far distant when those preparations, recently given their first showing, will start to appear on prescriptions. A glance at the products shown at previous exhibitions is particularly interesting in indicating the proportion of new remedies that take the doctor's fancy and remain popular. Some of the exhibits are very evidently the outcome of original research, and represent a stage forward in the fight against disease. Others are formulations of differing proportions of ingredients which tend to have the effect of assuming that all patients are alike—a charge sometimes brought against the National Formulary. Nowhere does the ability to distinguish between claim and claim need to be more fully cultivated.

## LOCAL ASSOCIATIONS IN IRELAND

### Dublin visitors at provincial meetings

MEETINGS of local chemists' associations were held recently in Claremorris (West of Ireland Chemists' Association), in Mullingar (Westmeath Pharmaceutical Chemists' Federation) and in Wexford (County Wexford Chemists' Association).

#### West of Ireland

Messrs. P. F. McGrath (president of the Pharmaceutical Society of Ireland) and M. Power (vice-president of the Society) attended the meeting of the West of Ireland Chemists' Association in Claremorris. Mr. Brendan R. Smith (secretary of the Irish Drug Association) represented that Association. MR. KEVIN BOWMAN (chairman of the West of Ireland Chemists' Association, presided. MR. FRANK MCANENA (secretary) reported that the Mayo county council had agreed that the chemists of the county should issue the maternity pack to be given under the mother and child provisions of the Health Act at a flat rate of 15s. In the discussion which followed it was stated that large sections of the population in the West would be entitled to receive free medicines under the Health Act and chemists in such places as Charleston, Foxford, Swinford and Claremorris would all be badly affected as a result. DR. LEYDON said that the general feeling was that the issue of green tickets by relieving officers was excessive and representations should be made to have a careful check carried out. MR. H. A. NAYLOR, Athlone, said he was informed from medical sources in his own area that the number of people coming in under the scheme had increased four-fold. MR. M. DURCAN suggested that if doctors were being harder hit under the Health Act than chemists, the Pharmaceutical Society should have a closer tie-up with the medical associations. MR. MCGRATH urged chemists in the west to secure all the facts and figures relating to abuses of the Health Act in their areas, and have all that data sent to the Society. THE PRESIDENT dealt with coming pharmacy legislation, the Barbiturates Regulations, the Opticians Bill, and the British Pharmaceutical Conference meeting to be held in Dublin. MR. M. POWER suggested that some of the delegates attending the British Pharmaceutical Conference might be invited to the west. Other matters discussed included the supplying of drugs and preparations direct to veterinary surgeons by some Dublin houses, and advertisements by certain "patent" medicine manufacturers, which were regarded as objectionable. The following officers were elected: Chairman, Mr. A. A. Toher, Sligo; Vice-chairman, Mr. Cormac Flanagan, Headford, co. Galway; Secretaries, Messrs. F. McAnena, Ballaghaderreen, and John O'Donnell, Charleston; Treasurer, Mr. T. C. Cassidy, Claremorris.

#### Westmeath

At the meeting of the Westmeath Pharmaceutical Chemists' Federation held in Mullingar, Mr. H. A. Naylor, Athlone, in the chair, Mr. P. J. Weir was appointed Treasurer of the Asso-

ciation to replace Dr. Weir, who had resigned. Mr. Brendan Smith attended for the Irish Drug Association.

#### Wexford

MR. J. GORRY, New Ross, presided at the meeting of the County Wexford Chemists' Association, which Mr. Smith

(secretary of the Irish Drug Association) also attended. It was suggested that the Pharmaceutical Society should hold a course for chemists in agricultural and horticultural preparations and their uses. Several members thought that something should be done to familiarise medical men with the existing Barbiturates Regulations. A discussion followed on the Opticians Bill at present before the Dail.

## IRISH PHARMACEUTICAL STUDENTS

### Association's annual meeting

THE annual meeting of the Irish Pharmaceutical Students' Association was held in Dublin recently. Mr. Bernard Tedders (president) in the chair. Messrs. P. F. McGrath (president of the Pharmaceutical Society of Ireland), G. C. O'Neill and C. J. Cremen (members of the Society's Council) were present. MR. TEDDERS, presenting his report, stated that the past year had been an active and successful one. Lectures had been given under the auspices of the Irish Pharmaceutical Students' Association by Professors Wheeler (science faculty, University College, Dublin), Webb (Trinity College), and Charley (Ribena Laboratories). Several social functions had been held and work had been put into the preparation of a magazine for the Association. Reporting on the International Pharmaceutical Students' Federation conference held in Vienna in August, Mr. Tedders stated that Ireland was represented by thirty-nine (the second largest delegation). At one of the meetings, said Mr. Tedders, Turkey and Northern Ireland were proposed for membership of the Federation.

#### Ulster Election "Unconstitutional"

On the motion to elect Northern Ireland delegates from I.P.S.A. abstained from voting because in their opinion Northern Ireland could not become a full member as it was part of Britain under the United Nations Organisation and not a separate nation. The French delegates then moved that the election of Northern Ireland in the circumstances was unconstitutional and that was passed. Mr. Tedders said that at the final meeting of the Vienna Conference, Ireland was chosen as the venue of the next Conference, to be held in 1957, and he had been elected a vice-president of the Federation. MR. P. F. MCGRATH, moving that the report of the students' president should be adopted, assured the Association that the Council of the Society would be glad to help the organisation in every way. He was in agreement with the advice given by Mr. Kennelly at the 1954 annual meeting that students should avail themselves of all subsidiary openings allied to pharmacy such as optical dispensing, photography, and agricultural and horticultural lines. MR. O'NEILL, seconding, said it was an excellent idea on the part of the Association to invite people outside pharmacy to come and deliver lectures to them on various subjects. The sooner they got a committee working for the 1957 Federation conference the better. To make a success of such a venture entailed a good deal of long-term plan-

ning and hard work. MISS HEALY (treasurer) reported that sufficient money had been received during the year to make it unnecessary to draw on last year's balance. MR. CREMEN, moving that the treasurer's report should be adopted, stressed the need for building up a substantial fund to meet the expenses of the 1957 conference. MR. J. CAHILL recalled that during the seven years of its existence the Association had urged various reforms, several of which had now been accomplished including the division of the Licence examination into two parts; a shorter term of apprenticeship; and new college premises. In its first year the Association had joined the International Students' Federation and supplied the vice-president for that year. Despite those achievements, students should not rest on their oars, but keep alert and abreast of all modern developments in the pharmaceutical world. At the close of the meeting the members elected the following new council for the coming year: Misses A. Isdell, H. Kissane, D. O'Reilly, M. O'Doherty; Messrs. B. Tedders, J. Rafferty, L. Rafferty, T. Cashman and J. McCormack. At the first meeting of the council, Mr. Bernard Tedders was re-elected President, Mr. John McCormack was re-elected Secretary, and Miss Detta O'Reilly Treasurer.

## IRISH NEWS

### New Salary Scales

#### RETROSPECTIVE TO SEPTEMBER

THE committee of the Irish Drug Association has circulated the following scales of salaries to its members, the new rates being retrospective to September 5. The rates represent increases on the former full-time weekly salaries of 10s. for unqualified assistants; 12s. for pharmaceutical chemists, qualified assistants and registered druggists; and 14s. for pharmaceutical chemists in charge of a shop. They are as follows: UNQUALIFIED ASSISTANTS (male) from £5 11s. 6d. in first year after apprenticeship to £7 14s. (fourth year); (female) from £4 18s. to £6 17s. 6d.; QUALIFIED ASSISTANTS (male) from £6 2s. 6d. (first year) to £8 7s. 6d. (fifth year); (female) from £5 9s. to £7 11s.; REGISTERED DRUGGISTS (male) from £6 2s. 6d. (first year) to £8 7s. 6d. (fifth year); (male drug-shop managers), £8 15s.; REGISTERED DRUGGISTS (female) from £5 9s. (first year) to £7 11s. (fifth year); (female drug-shop managers) £8 0s. 6d. PHARMACISTS (male) from £7 6s. (first year) to £9 5s. 6d. (fourth year); (female) from

£6 11s. 6d. (first year) to £8 9s. 6d. (fourth year); (*shop managers, male*) £8 8s. 6d. (first year) to £10 7s. 6d. (fourth year); (*shop managers, female*) from £7 12s. (first year) to £9 7s. 6d. (fourth year); **PHARMACIST**, *locum tenens (outdoor) (male)* £10 12s. 6d.; (*female*) £9 12s. 6d.; **QUALIFIED ASSIS-**

**TANT, locum tenens (male)** £8 14s.; (*female*) £7 19s. The payment for working on Sunday is: Single time added to the weekly salary, calculated by dividing the working week of forty-eight hours (males) or forty-four hours (females) into the weekly salary and multiplying by the hours worked.

## "BASIC PACK" PROPRIETARIES

### Revised list being issued to chemist contractors

A REVISED list of "basic pack" proprietaries which will come into operation for January 1956 prescriptions is shortly being sent to chemist contractors by local Executive Councils.

The National Pharmaceutical Union states that its members are to receive a card bearing the list and subsequently a rubber endorsing stamp, bearing wording ("EX PACK") agreed with the Ministry, for making "opting out" claims. That stamp, states the N.P.U., is being sent to members because it will be more important than ever for the contractor to protect his interests by claiming payment on a smaller pack where the average level of demand he has experienced for products in the list makes it unreasonable to purchase the "basic pack."

The Ministry of Health is understood to be pressing for a further extension of the list by upwards of 100 products. The Ministry has told the Central N.H.S. (Chemist Contractors) Committee that wherever the Ministry has suggested a basic pack it has done so both on evidence of frequency of prescribing and on independent evidence from manufacturers of their sales. If therefore the Committee still wishes to challenge any of the packs suggested it must produce the facts in support of its contentions. The Central N.H.S. Committee has therefore decided to have carried out in the Central Checking Bureau an analysis of prescriptions in a way which will give results reflecting the experience of a representative sample of contractors. That analysis will necessitate the whole of the C.C.B. staff being taken off checking for between a fortnight and a month, but the Committee thinks that the need to get the facts is of such vital importance that Pharmaceutical Committees and contractors generally will raise no objection to that temporary relaxation of the routine check. The Committee points out that the Minister has power under Clause 3 of the Tariff to determine any matter relating to basic packs and prices and that refusal to negotiate would inevitably have resulted in the imposition of a much larger list which would have increased the burden on the contractor of the work involved in "opting out."

The new list is as follows:—

Adetate elixir ...	16 oz.
Adexolin capsules ...	100
Aleudrin tablets, 20 mgm. ...	100
Aludrox ...	80 oz.
Amytal tablets, $\frac{1}{4}$ gr. or $\frac{1}{2}$ gr.	500
Anthisan tablets, 0.05 gm. ...	100
Anusol suppositories ...	100
Becosym tablets ...	100
Becosym forte tablets ...	100
Befortiss B complex tablets	100

## Assistants' Examination

### TWO SUCCESSES

THE following passed the recent assistants' examination held by the Pharmaceutical Society of Ireland: Misses Mary McGuinness and Olive Mary Flannery.

Belladenal tablets ...	100	Mepilin tablets ...	100
Bellergal tablets ...	250	Metatone ...	80 oz.
Benadryl capsules, 50 mgm.	500	Minadex ...	80 oz.
Benadryl elixir ...	16 oz.	Mixogen tablets ...	100
Benerva tablets, 3 mgm. ...	1,000	Monotheam and Amytal "A" Pulvules ...	100
Benerva tablets, 10 mgm. ...	100	Multivite (pellets) ...	500
Benylin expectorant ...	80 oz.	Nativelle digitaline tablets, 1/600 gr. ...	200
Benzedrine tablets, 5 mgm. ...	250	Neo-Epinine Tabloid, 20 mgm.	100
Beplex elixir ...	40 oz.	Novalgin tablets ...	100
Cardophyllin tablets ...	250	Nulacain tablets ...	25
Cerevon elixir ...	20 oz.	Omnopon oral tablets, 1/6 gr.	100
Codis tablets ...	300	Ostocalcium tablets ...	100
Complevit tablets ...	120	Peritrate tablets ...	500
Cosylan ...	16 oz.	Pernivit tablets ...	500
Cremomerazine ...	16 oz.	Physeptone Tabloid, 5 mgm.	100
Crystapen oral tablets, 200,000 units or 400,000 units ...	100	Plastules liver ...	100
Dibistin tablets ...	100	Pregnavite tablets ...	120
Estigyn tablets, 0.01 mgm. or 0.05 mgm. ...	100	Priscol tablets, 25 mgm. ...	200
Ethnine ...	80 oz.	Second sodium Pulvules, $\frac{1}{2}$ gr.	500
Euvalerol elixir M ...	20 oz.	Serpasil tablets, 0.25 mgm. ...	100
Femergin tablets ...	100	Soneryl tablets, $1\frac{1}{2}$ gr. ...	500
Ferro-Redoxon tablets ...	120	Sulphamezathine suspension ...	500 mils
Fersolate tablets ...	1,000	Sulphatriad suspension ...	40 oz.
Gantrisin tablets, 0.5 gm. ...	100	Sulphatriad tablets ...	500
Gardenal tablets, $\frac{1}{2}$ gr. ...	500	S.V.C. tablets ...	100
Gelusil tablets ...	250	Taka-Diastase tablets, $2\frac{1}{2}$ gr. ...	100
Heptalgin tablets, 10 mgm. ...	100	Takazyme lozenges ...	100
Luminal tablets, $\frac{1}{2}$ gr. or 1 gr. ...	250	Thalazole tablets, 0.5 gm. ...	100
Medinal tablets, 5 gr. ...	100	Theominal tablets ...	250
Menopax tablets ...	140	Uniprin tablets ...	300
		Urolucosil tablets ...	250

## IN PARLIAMENT

### BY A MEMBER OF THE PRESS GALLERY, HOUSE OF COMMONS

MR. JAMES STUART (Secretary of State for Scotland) told MR. E. G. WILLIS on November 8 that it was proposed that fundamental research work in algal chemistry should continue to be done at universities and teaching institutions, and suitable arrangements would be made for making available information on the results.

#### Water Fluoridation

MR. IAIN MACLEOD (Minister of Health) told CAPTAIN H. B. KERBY, in a written answer on November 14, that four local authorities in England and Wales and one in Scotland were planning to demonstrate the benefits of fluoridation of public water supplies in reducing the incidence, among the public, of dental caries.

#### Composition of Molasses

MR. HEATHCOAT AMORY (Minister of Agriculture, Fisheries and Food) told MR. R. W. SORENSEN on November 17, that it was not a function of his department to classify foods with medicinal properties. The Food Standards Committee had informed him that there was no case for specifying a standard composition for molasses and he did not think that any useful pur-

pose would be served by requiring the disclosure of analysis on labels of packages containing it.

#### Cost of Monopolies Commission

MR. D. WALKER-SMITH (Parliamentary Secretary to the Board of Trade) told CAPTAIN H. B. KERBY, in a written answer on November 17, that the total cost of the Monopolies and Restrictive Practices Commission, including all office overheads, from 1949 to the present time, was about £535,000.

#### Heroin Ban

MR. IAIN MACLEOD (Minister of Health) told DR. H. KING, in a written answer on November 21, that he did not feel justified in departing from the advice [on the proposed banning of the manufacture of heroin] that he had given to the Home Secretary after consulting the Standing Medical Advisory Committee.

The Food and Drugs Bill (Lords) was read a second time in the House of Commons on November 14 and was read a third time in the House of Commons on November 21 and passed without amendment. The Food and Drugs Act, 1955, received the Royal Assent on November 22.

## LEGAL REPORTS

### Unauthorised Possession

AT Liverpool, on November 15, it was stated that detectives found 4 lb. of raw opium and an opium pipe under the floorboards of a bedroom at the home of a Chinese, Ah Tong Ching, at 22 Alfred Street, Liverpool. Ching was sent to prison for three months after admitting possession of the opium and pipe.

### Foreign Brushes not Marked

AT Guildhall, London, magistrates' court on November 14, Jays (Chemists' Sundries), Ltd., Houndsditch; Jandow, Ltd., Portland Place, W.1; and L. Frankenberg, Ltd., Houndsditch, were summoned at the instance of the Board of Trade for having, upon dates between June and September 1955, sold shaving brushes of German origin not distinctly branded with the words "Made in Germany." On behalf of the Board of Trade it was said there had been no dispute on behalf of the defendants that they had failed to comply with an important provision of the Merchandise Marks Act.

Through their legal advisers defendants pleaded guilty to having offended in a technical sense, urging that they had acted in entire ignorance of the law. Traders, they said, found it almost impossible to keep in touch with the ever-growing multiplicity of rules, regulations and statutes regarding the conduct of business. THE MAGISTRATE: I am quite satisfied that that is the correct explanation. Each of the defendant companies will be fined £3, with £2 2s. costs.

### Damages for Allergic Patient

AT Birkenhead county court, recently, criticism was made, by a consultant, of many doctors who applied penicillin externally to patients. Thomas Smith, 9 College Square, New Ferry, claimed damages from the Associated Ethyl Co., Ltd., Ellesmere Port, alleging negligence. He said that a burn he received while removing lagging from hot metal pipes was treated with penicillin at the works surgery despite the fact that his doctor had told him he was allergic to penicillin. A rash developed on his arm and later on his face and head. He was off work for three weeks. A Liverpool dermatologist said that dermatologists were solidly against the external application of penicillin—it was bad practice. The judge said he found that the defendants were guilty of some degree of negligence in the first part of the case—when Smith sustained the burn—but the plaintiff failed in the second part where he alleged improper medical treatment by the male nurse at the works. "When a large number of doctors take the view that the application is a good thing, it would be wrong for me to hold a male nurse guilty of negligence for using it," he said. Smith was awarded £10 10s. damages, with costs.

### Interim Injunction

IN the Chancery Division, London, on November 22, Mr. Justice Wynn-Parry, in default of defence, granted

Jeyes Sanitary Compounds Co., Ltd., Richmond Street, Plaistow, London, an interim injunction to restrain Alia-maid Products, Ltd., Museum Place, Cardiff, from selling or dealing in detergents, not of the plaintiffs' manufacture or merchandise, under labels or advertisements calculated to lead to the defendants' product being confused with that of plaintiffs, or from passing-off detergents, not of plaintiffs' manufacture, as their goods. For the plaintiffs it was stated that they traded under the name Jeyes, which was their registered trade mark. The company's products were essentially of a hygienic, sanitary or cleansing nature. It was alleged that the defendants had offered for sale detergents not made by plaintiffs by means of bottles and advertisements so worded as to be calculated to lead to confusion or deception and to their products being passed off as and for the plaintiffs'. The dominating feature on the labels used by defendants was the letter "J." Plaintiffs contended that confusion would arise by reason of the fact that the defendants' product would be asked for and ordered as "Js" which, when spoken, would be indistinguishable from the word "Jeyes." The matter had come before Mr. Justice Roxburgh in the previous term when plaintiffs alleged infringement of trade mark and passing-off. His lordship had said that the case was near the mark but ought not to be decided before the trial of the action. As to infringement of trade mark he had stated that there was little to be said, and that where plaintiffs' case was strong was with regard to passing-off. On the other hand his lordship had said there was no doubt a possibility of confusion, though there was no actual evidence of it. It was a strong thing, he said, to grant complete monopoly in a letter, and that raised an important question of law which it was not incumbent on him to decide on motion. His lordship, therefore, had made no order on the motion. Counsel added that the plaintiffs had now avoided the difficulties that had worried Mr. Justice Roxburgh by omitting any reference to infringement of trade mark. Mr. Justice Wynn-Parry said the injunction claimed met the difficulty and he would make an order as asked. He also ordered delivery-up of the offending labels, and an inquiry as to the damages suffered by the plaintiffs.

## NEW COMPANIES

P.C.—Private Company; R.O.—Registered Office.

DALES CHEMICALS, LTD. (P.C.)—Capital £1,000. To carry on the business of manufacturers of and dealers in all kinds of minerals, ores and chemicals, etc. Directors: Angelo T. Smith, Ronald H. Smith and Hugh H. Busfield. Solicitors: Hyman Stone & Co., 64 Fargate, Sheffield, 11.

D. LYNDON JONES, LTD. (P.C.)—Capital £2,000. To acquire a business of chemists formerly carried on at Little Common, Sussex. Directors: Douglas L. Jones, F.P.S. (director, Edgar Jones, Ltd.), and Katherine E. Jones. R.O.: 3 Cooden Sea Road, Little Common, Bexhill-on-Sea, Sussex.

H. E. STRINGER, LTD. (P.C.)—Capital £100. To carry on the business of manufacturers of and dealers in chemicals, perfume compounds, essential oils, etc. Directors: Harold E. Stringer and Carolina G. Stringer. R.O.: 55A High Street, Ruislip.

JAMES WILSON (CHEMISTS), LTD. (P.C.)—Capital £6,000. To carry on the business of manufacturing, photographic and dispensing chemists, druggists, opticians, etc. Directors: James Wilson, M.P.S., and Winifred M. Wilson. R.O.: 129 Hart Road, West Hartlepool.

PEPTINOL (G.B.), LTD. (P.C.)—Capital £1,000. To carry on the business of manufacturing, dispensing and analytical chemists, etc. Directors: Rt. Hon. Baron Westwood (director, Pop-hams, Ltd.), and Walter Wilson (director, G. G. Enterprises, Ltd.). R.O.: 80 Elswick Road, Newcastle-on-Tyne.

### Company News

PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD.—Mr. R. W. E. Wood, M.P.S. and Mr. R. Paisley have been appointed directors from November 8.

GLAXO LABORATORIES, LTD.—The company experienced difficult trading conditions during the year ended June 30, 1955, although worldwide sales increased by 8 per cent. in value and to a much greater extent in volume, according to the chairman, Sir Harry Jephcott. Cortisone, manufactured from hecogenin, is now in commercial production. Annual expenditure on research and development now exceeds £500,000. Trading results are as published previously (see C. & D., October 8, p. 402).

## BUSINESS CHANGES

MR. G. F. ROGERS has taken over the business of G. E. Beall & Son, Ltd., 25 Sidney Street, Cambridge. The business is being run in conjunction with Flanders (Cambridge), Ltd., 92A Mill Road, Cambridge, both businesses trading as G. F. Rogers, Ltd.

### Appointments

PAINES & BYRNE, LTD., Perivale, Middlesex, have appointed Mr. S. J. Carden, L.P.S.I., to their laboratory staff.

RONSON PRODUCTS, LTD., 352 Strand, London, W.C.2, have appointed Mr. A. Noel Morrow their advertising manager.

BIOMETICA, LTD., Park Road, Barnet, Herts, have appointed Mr. W. G. R. Aylott their representative in North-west London.

GALE, BAISS & CO., LTD., Ilfordon Road, London, S.E.15, have appointed Mr. H. D. Smith their export manager. He succeeds Mr. A. Burley whose time will in future be fully occupied in visiting the company's overseas representatives.

SUNVIC CONTROLS, LTD., 10 Essex Street, London, W.C.2, have appointed Mr. O. L. Welborn their representative for South-west England. Mr. W. J. Donnelly has been appointed technical representative for Midlands area.

## PERSONALITIES

MR. D. N. HAROURT, B.Pharm., has been recommended by the Council of the School of Pharmacy, London University, for the Greenish Memorial award. The award (value £80) is made to a student who has distinguished himself in part I of the B.Pharm. examination.

MR. P. J. CAMPBELL, M.P.S.N.I., Bangor, has been awarded a grant by the Medical Research Council. He is the first Northern Ireland pharmacist to be so honoured. Mr. Campbell is to carry out his work, which will be under the supervision of Professor G. W. A. Dick, at the department of bacteriology of the Royal Victoria Hospital, Belfast.

MISS F. B. PRINCE, M.P.S., chief pharmacist at Nottingham General Hospital, is retiring after more than fifty years' service at the hospital, more than forty of them as chief pharmacist. Miss Prince was the recipient of the M.B.E. in 1953 (see *C. & D.*, March 21, 1953, p. 281).



Mr. R. W. E. WOOD, M.P.S., who has been appointed to the board of Pharmaceutical Specialities (May & Baker), Ltd. (see p. 600), joined the company as a London representative in March 1940, following fourteen years in retail pharmacy. Subsequently he worked as a production chemist and sales executive. In February 1949, he became home sales manager.

MR. R. PAISLEY, who has been appointed to the board of Pharmaceutical Specialities (May & Baker), Ltd. (see p. 600), has been in charge of the veterinary division of the company since June 1941.

MR. F. W. SADLER, M.P.S., Hove, who recently completed sixty years in business at the Aldrington Pharmacy, 83 Portland Road, first as proprietor and later in partnership with his son, Mr. J. K. Sadler, M.P.S., F.B.O.A., established the pharmacy in conditions very different from those of today. "We used to dispense medicines," he writes, "and all had to be made up—mixtures, pills and plasters." There used to be a great demand for penny boxes of pills, penny packets of liquorice powder, and similar penny numbers. Mr. Sadler considers that work in a pharmacy today has lost a good deal of the interest it had. "It

doesn't take much art to count out tablets and fill bottles with some 'patent' stuff." On the other hand he would not like to go back to the old hours—8 a.m. till 10 p.m.; Saturdays till 11 p.m.; and Sunday duty as well. Mr. Sadler still puts in appearance every day at the pharmacy. He likes to see his old customers and to feel that he can still carry on, though "my son really conducts the business and I am more or less a looker-on." To mark the diamond jubilee of the business the first prescription book was put on display in the window.

## DEATHS

ADAMS.—Suddenly, at Queen Mary's Hospital, Sidcup, Kent, on November 17, Mr. John Adams, aged forty-four. Mr. Adams had recently completed a year's service with John Bell, Hills & Lucas, Ltd., as a representative in South-east London. He is survived by his widow.

ASHMORE.—At his home, Rhos-y-gar, Monkstown, co. Dublin, on November 19, Mr. William Hopkins Ashmore, M.D., L.P.S.I., aged seventy-one. Dr. Ashmore, who was born in co. Carlow, qualified as a licentiate of the Pharmaceutical Society of Ireland in 1906. He carried on pharmaceutical businesses in Dawson Street, and in Wexford Street, Dublin, for several years and was a former lecturer in *materia medica* to the Pharmaceutical Society of Ireland. Subsequently he took up the study of medicine and qualified as a doctor through the National University. For the past thirty years Dr. Ashmore had practised in Monkstown. During the 1914-18 war he was a commandant of the Red Cross, and in 1928 the Supreme Assembly of the Spanish Red Cross awarded him a decoration and diploma of merit in recognition of services rendered to a member of the Spanish Embassy in Dublin who had been ill at the time. He is survived by his widow and four sons.

KNOTT.—On November 13, Mr. William Watkins Knott, M.P.S., Cleveland, Angmering Way, Angmering, Sussex, aged seventy-one. Mr. Knott was a native of Colwyn Bay and qualified in 1906. He joined Parke, Davis & Co., Ltd., in 1908, representing the company in the Home Counties and West London area until 1931, when he was appointed sales manager. He held that position for fifteen years, including the difficult war period. During his tenure of office he became an active member of many trade organisations, including the Chemists Federation, of which he was also a member of the Standards Committee, the manufacturers' section of the Proprietary Articles Trade Association, and the Association of British Pharmaceutical Industry. In 1946 he joined the managerial staff of Messrs. Parke, Davis, and three years later retired having completed forty-one years' service.

A colleague writes: W. W. Knott was an outstanding personality possessing a charm of manner which won him friends wherever he went. All who knew him will remember him for his kindly disposition, his imperturbabi-

lity, his wisdom and, above all, his happy smile.

"He only in a general honest thought  
And common good to all, made one of  
them."

His life was gentle and the elements  
So mix'd in him that Nature might  
stand up  
And say to all the world, 'This was a  
man!'

ROBSON.—On November 14, Mr. William Taylor Robson, M.P.S., 74 Capel Road, East Barnet, Herts, and formerly 9 Restalrig Terrace, Leith, Scotland. Mr. Robson qualified in 1899.

ROWLEY.—Recently, as the result of a car accident, Mr. Joseph Rowley, aged sixty-one. Mr. Rowley was head of Joseph Rowley, Ltd., wholesale chemists, The Trading Estate, Bridgend, Glamorgan.

SHELLEY.—On November 20, Mrs. Clara Brooke Shelley, aged eighty-six. Mrs. Shelley was the widow of the late Mr. George Shelley, M.P.S., Newport, Mon., mother of Mrs. E. W. Nyblad, M.P.S., and Mr. J. R. E. Shelley, F.P.S.

WATSON.—On November 6, Mr. George Rusk Turnbull Watson, M.P.S., 17 Godwin Road, Cliftonville, Kent, formerly of 192 Northdown Road, Cliftonville, Margate, Kent, aged seventy-nine.

WILLIAMS.—At Surbiton Hospital, on October 30, Mr. Thomas Howell Williams, M.P.S., 1 Selwood Road, Hook, Surbiton, Surrey, aged fifty-nine.

## INQUESTS

**Doctor Called Too Late.**—A widow told relatives that she was going to die. She said she had taken 200 aspirins. Because she suffered with her nerves it was not thought she could have taken such a large quantity, and a doctor was not called for some hours. When the doctor arrived she was dead. At the inquest at West Bromwich recently the deputy coroner recorded a verdict that she took her life by self-administration of aspirins while the balance of her mind was temporarily disturbed. A pathologist said that if the widow had received immediate medical attention she could have been saved.

**Pad Too Hot for Baby.**—At an inquest at Halifax recently, it was stated that an electric pad at a temperature of 180° had caused the death of a four-day-old baby as she lay in a cot at Halifax General Hospital; a verdict of accidental death was recorded. The baby, who had been born prematurely, was found in her cot suffering from severe burns, and died the next day. The senior registrar at the hospital said it was the usual practice to put the hot pad on top of the cot, never inside it. "It is constantly repeated in nurses' lectures that hot-water bottles and heat pads have to be kept well away from babies, particularly premature babies, and from unconscious people." A suggestion had been made that heat pads should be covered in a red material instead of white, with the word "Danger" on them. That was now being done.

## PHOTOGRAPHIC NOTES

**Fast Panchromatic Roll Film.**—Tri-X, the Kodak fast panchromatic film with moderate contrast, low graininess, and balanced colour sensitivity, is now available in roll-film sizes 120 and 620.

**Transparency Holders.**—A new precision-made transparency holder, the Titania, has been launched by Pullin Optical Co., Ltd., Pullin House, South Ealing Road, London, W.5. The holder has a white and a black sides, which ensures showing the correct side in projection and enables a slide number or other information written on the white side to be seen in a dim light.

**Print Protection.**—Morane super adhesive plastic skin is made by Morane Plastic Co., Ltd., 21 Woodthorpe Road, Ashford, Middlesex, and distributed in bulk or small quantities by the Adhesive Dry Mounting Co., Ltd., 26 Stamford Street, London, S.E.1. It is a water-clear plastic of 0.015 in. thickness, and it is applied to prints simply by pressure in a heated dry-mounting press or with a dry-mounting iron. Prints may be finished matt or glossy and permanent protection is provided.

**Full Co-operation with Dealers.**—Johnsons of Hendon, Ltd., announce that the Marquis of Ely, one of the keenest amateur photographers in the country, has associated himself with their activities in a consultative capacity. The company say that his consent to help in fostering the already strong relationship between consumer, dealer and manufacturer must prove of mutual benefit to all concerned and should ensure that each will be better informed of the others' viewpoint at all times.

**Pocket Flashgun.**—The Agfalon pocket flashgun marketed by Agfa, Ltd., Deer Park Road, London, S.W.19, is an instrument measuring only  $4\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{1}{2}$  in. Nevertheless, it offers the user all the advantages of capacitor operation and takes any bayonet-type commercial flashbulb. It has a 22.5-volt anode battery and built-in capacitor. A test lamp (supplied as a separate accessory) enables the operation of the unit to be checked before use. An eight-sector reflector opens out by simple movement of the thumb. The lead for attaching to the shutter release of the camera fits neatly into the rigid cover. A zipp-fastened leatherette bag is obtainable as an accessory.

**Darkroom in the Antarctic.**—A complete, small-scale photographic darkroom was shipped to the Antarctic when the Commonwealth Trans-Antarctic Expedition sailed from London to undertake a three-year programme of survey and exploration. The darkroom, which has been specially designed and equipped for the expedition by Kodak, Ltd., Wealdstone, Harrow, Middlesex, is being erected in the main living hut. In it will be processed all the black-and-white film taken by members of the party. Before leaving for the Antarctic members of the party, under the direction of Mr. George Lowe, who is responsible for photography during the expedition, tested all equipment in the darkroom. Two built-in cupboards and a number

of slatted shelves provide storage space for chemicals and films. A drawer with light-tight lid houses all the photographic paper. The lead-lined sink is readily converted into a bench by



means of a sliding panel. Pure, grit-free water is provided by a method in which melted snow is forced through a filter. The melted snow will be poured into a tank in the kitchen beyond the darkroom, and forced through the filter by hand pump.

**Rocking Dish-warmer.**—With the colder weather amateur photographers are in the market for equipment for keeping solutions warm. A novelty in this respect is the Aico rocking dish-warmer marketed by Apparatus & Instrument Co., Ltd., Mortlake High Street, London, S.W.14. The dish is placed on the warmer and depressed at one end. A return spring in the accessory then operates in the reverse direction, so imparting a rocking motion. The overall movement is small (about 7 mm.), but enough to keep the developer moving over the surface of the print. The 8 x 10-in. model tested was fitted with a 30-watt heater, and the element provided enough warmth to keep the temperature of the solution within a working range. The dish rests upon four plated knobs and four rubber feet on the underside of the warmer. The device is ready-wired with 3 ft. of twin rubber-covered cable.

**Film Wipers.**—Two film wipers tried out recently are the Aico, fitted with two pieces of viscose sponge 3 in. long and fitted to a U-shaped piece of Perspex, made by the Apparatus & Instrument Co., Ltd., Mortlake High Street, London, S.W.14, and the Squee-dry, supplied by the Adhesive Dry Mounting Co., Ltd., 26 Stamford Street, London, S.E.1. The first follows the generally accepted pattern of film wipers. The second is quite different. It is made like a pair of forceps, but with a "folded" spring between the two legs to keep them apart. On the inner sides of the legs are fitted pieces of smooth, soft rubber in the form of three long "ridges" on each leg, so positioned that the ridges on one leg slip alternately between those on the

other leg when pressure is applied. With a film placed between the legs and gentle pressure applied as the wiper is drawn over the surface all surplus moisture is removed in one stroke. The action is most efficient, and drying time is considerably reduced.

**Electronic Flash Outfit.**—The latest Langham electronic flash outfit, the Ministrobe II, offers, in the words of the makers' claim, a "professional instrument at an amateur price." Advanced amateur photographers who consistently take flash pictures are offered an electronic outfit with the assurance that they will save money, for if 561 bulbs at eightpence each were used the cost would equal that of the Ministrobe II, complete with its two 90-volt Ever-Ready Batrymax-type B126 dry batteries. From then on, flash pictures are taken for a battery cost of approximately one farthing each, since a set of batteries gives about 1,000 flashes. Examination of the Ministrobe II shows that it is well made and finished, compact and light (total weight with batteries  $5\frac{1}{2}$  lb.). A well-made case with carrying straps holds the electronic unit and batteries; there is a four-pin socket into which the lead can only be plugged correctly, and an on-off switch. The flash-head has the lead permanently attached, as is the lead to the camera; the plug is the coaxial type, standard Compur fitting. On the back of the flash-head a neon indicator shows that the outfit is functioning. It is not a "ready-to-flash" signal: eight seconds must be allowed to elapse between flashes. The output is 50 joules and, with fast panchromatic film the guide number is 120 in average interior conditions. The speed of flash is about 1/700 second, colour temperature 5,600° K., giving correct lighting for daylight colour films. There is an open-flash button for use with non-synchronised cameras, and a Perspex screen protects the tube (type FA12-Mazda) from damage. The tube life is about 10,000 flashes. An extension flash-head is available, providing a further 16 joules. The main flash-head fits into the camera accessory shoe, or a rubber-covered camera bracket is obtainable if required. Practical tests with the outfit bear out the makers' claims for it. Leaflets and blocks for dealers who want to advertise, are obtainable from the makers, Associated British Pathé, Ltd., 133 Oxford Street, London, W.1.

**Dark-room Ventilator.**—General Electric Co., Ltd., Kingsway, London, W.C.2, have produced a lightproof attachment for both sizes ( $7\frac{1}{2}$ -in. and  $9\frac{1}{2}$ -in. diameter) of their Xpelair fans so that they may be used in x-ray and photographic dark-rooms. The attachment consists of an aluminium black-out cowl which can be fitted over the bell-mouth entry of the Xpelair. The cowl excludes light completely without seriously reducing the extraction rate of the fan. An iris shutter available with some Xpelair models completely closes the fan orifice when the fan is switched off, ensuring no possibility of back-draught depositing dust on plates or films undergoing development.

## NEW PRODUCTS AND PACKS

**Non-greasy Balm.**—Wright, Layman & Umney, Ltd., 42 Southwark Street, London, S.E.1, have launched a new speciality, Panigol balm (non-greasy). The pack is a collapsible tube.

**Tuberculin Test Product.**—Allen & Hanburys, Ltd., Bethnal Green, London, E.2, are marketing a new speciality Protoderm solution of tuberculin P.P.D. Developed for use with the Heaf multiple-puncture apparatus for tuberculin testing, it contains 2 mgm. of tuberculin-purified protein derivative (equivalent in potency to a solution containing 100,000 units of old tuberculin) per mil. Protoderm is supplied in a screw-capped vial containing 1 mil (sufficient for about twenty tests), and maintains its activity for two years from the date of manufacture. It is tax-free.

**A New Spansule.**—Menley & James, Ltd., Coldharbour Lane, London, S.E.5, on behalf of Smith, Kline and French International Co., announce the introduction of Drinamyl Spansule capsules, which were shown at the London Medical Exhibition (*C. & D.*, November 19, p. 580). They are claimed, like the other Spansule presentations, to exert an even, uninterrupted therapeutic effect over a period of ten to twelve hours, thus affording "day-long control of worry and harassment." The Spansules are available in containers of thirty and 250 capsules in two strengths, the first containing 10 mgm. Dexedrine and 65 mgm. amylobarbitone; and the second 15 mgm. Dexedrine and 97 mgm. amylobarbitone.

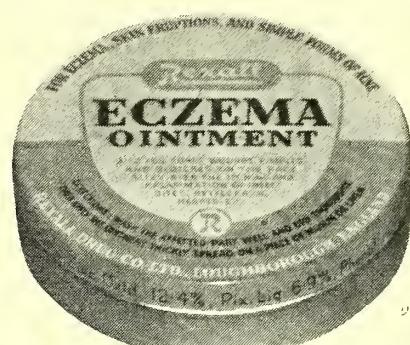
**Mephenesin with Rauwolfia.**—Clinical Products, Ltd., 2 The Green, Richmond, Surrey, draw attention to their new speciality Sedaltine, which was launched at the London Medical Exhibition (*C. & D.*, November 9, p. 580). Sedaltine is claimed to represent a new approach to the problem of sedation therapy. It is designed for muscular relaxation as a contribution towards the complete rest induced by open-chain ureide sedation. Mephenesin, the mus-

cular relaxant used, is claimed to be synergistic with rauwolfia, which is included (in small clinical dose) less for its antitensive effect than for its potentiating quality on the open-chain ureides. The formula of Sedaltine is: Carbromal, 195 mgm., bromvaletone, 65 mgm., aluminium hydroxide, 100 mgm., rauwolfia (total alkaloids 55 per cent.) 0·25 mgm., and mephenesin, 100 mgm. The aluminium hydroxide is included as gastric sedative and antacid. Sedaltine is supplied in dispensing packs of 100 and 250 tablets.

**Cream with Digitoxin.**—Modkem, Ltd., Wellington Street, Leicester, are marketing a new product Venotone cream containing, in an absorbent, non-greasy base: Digitoxin, 0·0063 per cent.; bismuth subnitrate, 2 per cent.; zinc oxide, 2 per cent.; phenol, 0·0378 per cent.; chlorine, 0·0132 per cent.; salicylic acid, 0·0036 per cent.; and iodine, 0·009 per cent. The cream is intended for use in the treatment of leg ulcers and eczema, and for a variety of similar skin conditions. It is understood to have produced remarkable results in the treatment of inflammatory conditions. The formula embodies the use of digitoxin as a vaso-constrictor—enabling the inflammation to be controlled in the optimum phase—and applies subsequently the soothing properties of bismuth subnitrate and zinc oxide in combination with halogenised phenols. Venotone is claimed to afford rapid control of the inflammation with no side-effects. The packs are a 1-oz. tube and a 1-lb. jar.

**Benactyzine Hydrochloride.**—A new approach to the medical treatment of psychoneuroses has been explored by Glaxo Laboratories, Ltd., Greenford, Middlesex, in the introduction of a new speciality Suavil (benactyzine hydrochloride). Suavil is a member of an anticholinergic group of substances of which several have been found to have selective activity upon functions of the brain. It allows a wide margin of safety between therapeutic and toxic

doses, and when given in therapeutic doses is eliminated from the body within a few hours: there is thus little likelihood of cumulative effects. Suavil is claimed effective in psychoneuroses arising from external stress, particularly those associated with anxiety reactions. The compound raises the threshold for external stimuli. As a result, the patient who is in a state of tension arising from overstrain ceases to react to a range of stimuli that would previously have excited irritation. The pack is a cartoned bottle of 100 sugar-coated tablets, each containing 1 mgm. of the compound.



**PACKAGE REDESIGN:** The container for Rexall eczema ointment has been redesigned. The colour scheme is in pale blue, black and white. The formula remains unaltered. The manufacturers are Rexall Drug Co., Ltd., Loughborough, Leics.

### TRADE NOTES

**In Christmas Wrapper.**—Smith & Nephew, Ltd., Welwyn Garden City, Herts, have produced a Christmas greetings wrapper for Nivea creme.

**Dispensing Pack Change.**—C. L. Bencard, Ltd., Minerva Road, London, N.W.10, announce that the dispensing pack of 240 Payncil tablets is now supplied as twenty-four roll wraps of ten instead of twenty wraps of twelve.

**Renamed.**—Robert Gibson & Sons, Ltd., Hulme, Manchester, 15, and



**EXTENSIONS FOR PRODUCTION AND RESEARCH:** Building in progress for a new biological and bacteriological production and research block at the Greenford headquarters of Glaxo Laboratories, Ltd.

Turnmill Street, London, E.C.1, announce that Diafrutes has been adopted as the name for their sugarless fruit pastilles. [Corrected note.]

**Infra-red Lamps.** — Hinders, Ltd., 174 Estcourt Road, London, S.W.6, are manufacturers of the Radiaray infra-red and radiant heat lamps. An illustrated brochure is available from dept. 6 of the company.

**Analgesic Suppositories.** — Hemocones, issued by Duncan, Flockhart & Co., Ltd., 104 Holyrood Road, Edinburgh, 8, contain 1 per cent. Xylocaine (lignocaine, B.P.) with phenol and zinc oxide in each suppository.

**In Jar for Dressing-table.** — Endocil hormone skin cream is now being issued by the manufacturers, Organon Laboratories, Ltd., Brettenham House, London, W.C.2, in a "beauty" jar as well as in the previous handbag tube.

**Eleven Vitamin Preparations.** — The range of vitamin preparations issued by The British Drug Houses, Ltd., Graham Street, City Road, London, N.1, includes nine presentations of single vitamins and three specialities containing combinations of vitamins.

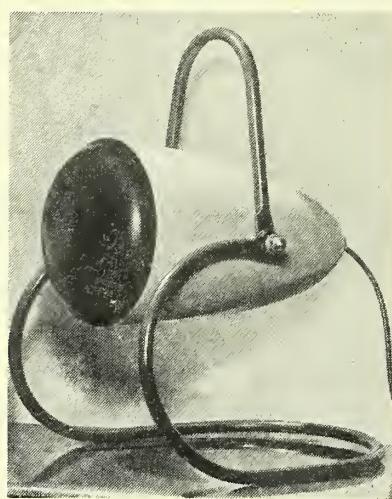
**Tax-free Dispensing Pack.** — A new dispensing pack of Paynocil containing twenty-four rolls of ten tablets and exempt from purchase tax was introduced by the manufacturers, C. L. Benard, Ltd., Minerva Road, London, N.W.10, on November 24.

**Non-hair-drag Bathing Caps.** — Made by a special process that results in easy removal without dragging at the hair, Kleinert's rubber bathing caps are also distinctive in having, in some models, a printed pattern. The range includes plain caps in single colour



(white, red, blue, pink, yellow, black and green); patterned caps in four designs (leopard, Doodle Daisy, Carnival and Miami); patterned caps with decorative trimmings; children's bathing caps in plain, printed (Bright Eyes) and printed and trimmed (Perky) varieties; and a complete new Sava-wave series with all the features of the Viking range plus an inner rim for guaranteed watertight protection. The range comprises strapless and standard plain; printed; and printed-and-trimmed varieties. The model illustrated is the Romany in white, printed in multi-colour.

**Prescription Sun-lamp.** — The Elmed lamp, illustrated, is one of a range of prescription medical lamps marketed by Electro-medical Hire, Ltd., 74 New



Cavendish Street, London, W.1, a company with ten years' experience in selling similar equipment. The Elmed range is popular for its low prices, gay contemporary design, versatility and light weight. The model shown is a radiant heat lamp. It may be used as it stands or held in a collapsible tripod available from the company. The finish is a stove enamel in cream and burgundy.

**Change of Name.** — Savory & Moore, Ltd., 60 Welbeck Street, London, W.1, announce that their special brand of Niagara blackcurrant syrup is to be known as Mayfair A brand and is now available under the new name. It is supplied to chemists only.

**Acetomenaphthone with Nicotinamide.** — The Armour Laboratories (Armour & Co., Ltd.), Hampden Park, Eastbourne, Sussex, point out that their tablets having that composition are entitled Amisyn and not as previously stated in these columns.

**International Standard Ranking.** — Evans Medical Supplies, Ltd., Speke, Liverpool, 19, announce that Rondase contains 1,000 international units of hyaluronidase in each 3-mgm. vial. A vial of Rondase in the twin-pack of Ergo-Rondase contains 330 i.u.

**Antistatic Chemicals.** — Heatex, a long-chain quaternary that imparts antistatic qualities to plastics, etc., and Antimide, a fatty ethanolamide with quaternary groups, are among a wide range of chemicals manufactured by Leda Chemicals, Ltd., Eley Estate, Edmonton, London, N.13.

**Prescribable on EC10's.** — Scott & Turner, Ltd., Andrews House, Newcastle-upon-Tyne, 1, state that Droxalin tablets, introduced nationally in January 1955, has been given [Cohen] classification 4, and is now officially recognised as a proprietary preparation that may be prescribed under the National Health Service.

**Marketing in Australia.** — Simpsons Manufacturing Pty., Ltd., Melbourne, Victoria, and Sydney, New South Wales, offer a service in the manufacture and packing of proprietary pro-

ducts for the Australian market. Inquiries should be sent to the company at Barkly Avenue, Burnley, Melbourne, E.1, Victoria, Australia.

**Pharmaceuticals and Intermediates.** — Chemical Compounds, Ltd., Aycliffe Trading Estate, nr. Darlington, manufacture a range of organic chemicals including acetyl bromide, bromvalerone, camphor monobromide, carbromal, dibenzyl succinate, phthalyl chloride, urethane, B.P.

**Colour Shampoo.** — The marketing in Great Britain of Monil colour shampoo (colours: Light auburn, dark auburn, gold, light and tobacco blonde, ash blonde, ash blue, brown and mahogany) is through Welton Laboratories, Ltd., Salen Street Works, Bradford, 1. A counter display outer containing twelve bottles, and a small counter showcard, are available.

**Bathroom Scales as Gifts.** — Record sales during the Christmas season of 1954 are understood to have resulted from the display in a London pharmacy of Tower brand bathroom scales. They were put forward in the display as suitable presents to friends and sold freely for the purpose. The suppliers are the Service Supply, Ltd., 44 Kingsway, London, W.C.2.

**Merchant Shipping Packs.** — Imperial Chemical (Pharmaceuticals), Ltd., Fulshaw Hall, Wilmslow, Manchester, announce that they now have available merchant shipping packs of Avloclor chloroquine phosphate, B.P., tablets in addition to their Paludrine proguanil hydrochloride and Sulphamezathine sulphadimidine, B.P., tablets. The new packs have been made available to meet the change in the Merchant Shipping Scales that became operative on November 1. They are: AVLOCLOR: Packs of twelve, bottles of 100 or 250; PALUDRINE: Tube of 100 tablets 0·1 gm., tin of 1,000; aluminium tube of 1,000. SULPHAMEZATHINE tablets 0·5 gm. Bottle of 500.

#### Bonus Offers

MERCK-SHARP & DOHME, LTD., Hoddesdon, Herts. Tyrozets. Seventy-two tubes invoiced as sixty-six. For limited period only.

SAVORY & MOORE, LTD., 60 Welbeck Street, London, W.1. Quinasp capsules. 13 to doz.



Quinasp tablets, which are available on bonus terms, are now available in display outer as shown.

# Pharmaceutical Aspects of Modern Cosmetics

## MANUFACTURING LINKS WITH MEDICINES

An audience of about seventy members of the Pharmaceutical Society and their friends attended an evening meeting of the Society held in London on November 21 to hear an address by Mr. F. Atkins, B.Sc., F.R.I.C., M.P.S., on "Some Pharmaceutical Aspects of Modern Cosmetics."

MR. HARRY STEINMAN (president of the Society) said that, although in recent years, as a result of industrial development, cosmetic manufacture had become a specialised activity, the preparation of cosmetics had been traditionally associated with that of medicines. Today the pharmacist was more concerned with the point at which pharmacy and cosmetics converged, but it was necessary to see that borderline in the context of cosmetic formulation and manufacturing as a whole if the relationship between the two was to be properly understood.

### History of Cosmetics

MR. ATKINS commenced his address with a brief outline of the history of cosmetics. Cosmetics, he said, were as old as history itself. In the middle ages, the bond between pharmacy and cosmetics was complete. The same hand was responsible for the cosmetic aids for feminine adornment, the love philtre for a reluctant swain, and the deadly poison.

That union of the professions continued until the 1914-18 war. Towards the end of that time some firms with no pharmaceutical background took up the manufacture of cosmetics, but the man in charge was usually a pharmacist. In those days there were few cosmetics except perfumes; and lipsticks were considered scarcely respectable.

One particular toilet material was destined later to produce totally unexpected repercussions in the cosmetic industry. Violet powder was widely used as a baby powder, and its constituent powdered orris became used as a face powder, until it was condemned in the medical Press as the cause of allergic reactions when used in that way. The constituent was dropped immediately by the manufacturers, and no manufactured face powder nowadays contains powdered orris, and yet for years face powders had continued to be condemned by doctors as being the cause of allergic reactions.

The years between the two world wars saw an almost complete divorce between pharmacy and cosmetics as regards formulation and manufacture. Much of the mystery surrounding cosmetics manufacture disappeared in 1923-27 with the publication of the first modern work on the subject, Mr. W. A. Poucher's *Perfumes, Cosmetics and Soaps*.

Most improvements of the inter-war years were concerned with the search for new and improved raw materials, e.g., emulsifying agents. Hitherto cosmetic creams had been composed of soap emulsions, stearates, etc. A cos-

metic differed from a medicine in formulation, in that it must have acceptability by the purchaser—it must have eye and nose appeal, and the right consistency and "feel."

Between 1929 and 1931, three new emulsifiers were produced, a new self-emulsifying wax from Germany which was mainly glyceryl monostearate mixed with a trace of soap, giving an oil-in-water emulsion; triethanolamine, which was first sold as the stearate, but was now mainly used as the substance itself, the stearate being formed *in situ* during the manufacture of the cream; and Lanette wax S.X. (now official as emulsifying wax, B.P.).

The years 1939 and 1940 saw many improvements in manufacturing methods and techniques, largely due to the new materials available. For the first time, cosmetic manufacturers were not borrowing their materials from pharmaceutical practice—the boot was on the other foot. Lanette wax and wool wax alcohols were used in cosmetic manufacture before their pharmaceutical use.

There was a question whether cosmetics were just adornment and camouflage, or should they be of real benefit to the skin? The skin was a living organism of the body, and was as important in function as the heart, liver or lungs. Its care was of primary importance. Cosmetic manufacturers had always had to worry about possible damage to the skin, and there had always been claims of benefit. Modern society demanded that those claims must be based on scientific evidence.

### American Influence

Cosmetics in Great Britain were greatly influenced by America. Most of the worth-while research work on cosmetics had been done there because they had the money and because their federal laws were stricter than in Britain on the question of advertising. A skinfood must be proved to feed the skin or it would be rejected. America was also the biggest worth-while market for cosmetics, and anyone hoping to enter it must comply with the American laws.

It was difficult to say where the borderline between cosmetics and pharmacy and medicine lay. Cosmetics could be said to deal with the care of the normal healthy skin, dermatology with the unhealthy. But the normal condition of the skin of an ageing woman was connected with the sexual hormones and one method of treating it was to apply creams containing small quantities of oestrone. Regarding such hormone creams, the subject for consideration was not whether they worked, but whether they did any harm to the user. People in Britain were inclined to underestimate the amount of research done on that question in America.

The cosmetic industry had now grown up, it was well supplied with the necessary tools and was eager to

finish the job, but under modern conditions no industry, however grown-up, could stand entirely on its own feet. Cosmeticians in the period between the two wars, "when advertising ran riot," had incurred a good deal of suspicion, and nowadays pharmacy and medicine were not too keen to co-operate with them. There was better co-operation between the two professions in America, owing to the suppression of exaggerated advertising. Until similar co-operation was developed in Britain there would be no real improvement in cosmetics. A little restrictive legislation here would not be a bad thing.

There were many ways in which cosmeticians could improve their products, e.g., in seeking a good water-soluble preservative for use in creams. Some preservatives used in pharmacy, such as *p*-chloro-meta-xylene, could not be used in cosmetics. Creams in many cases consisted of a soap base and free fatty acids, and the preservative must be compatible with those.

### Co-operation from Pharmacists

On such questions, the cosmeticians hoped for co-operation in the future from the pharmaceutical and medical professions, to their mutual advantage.

In the discussion which followed, MR. J. U. WARBURTON said that most pharmacists indulged in cosmetic manufacture to a considerable extent during the 1939-45 war, and many were still being asked for some of their own products, which they were anxious to improve. One of the problems in cosmetics was rancidity. No mention had been made in the lecture of antioxidants.

MR. ATKINS said that most of the known antioxidants could not be used in cosmetics. Triethanolamine itself was a good antioxidant.

MR. WOODARD said that triethanolamine soaps tended to discolour, especially in creams. Was that due to some property of the soaps themselves, or to traces of impurities?

MR. ATKINS said triethanolamine itself tended to discolour. Perfume was the cause of many discoloration troubles.

MR. T. G. MACLAUGHLAN asked whether Mr. Atkins would like to see cosmetics brought within the ambit of the Food and Drugs laws in Great Britain.

MR. ATKINS said it would be a good thing. He would like to see more control, especially of hormone creams.

MR. J. C. BLOOMFIELD, proposing a vote of thanks to the lecturer, asked whether the industry itself could not lay down some self-imposed code to raise the standards of the cosmetician, without resort to legal machinery.

MR. ATKINS said that there was a certain code in the profession, but the business was run less by the cosmetic chemist than by the advertisers, and legal machinery would be the best method of convincing them.



**EPSOM AND SUTTON BRANCH DINNER AND DANCE:** Above, left, Mr. E. E. Latham (Branch chairman) and Mrs. Latham greet Mr. W. J. Tristram (a member of the Society's Council); above, right, Mr. Latham receives Lady Cairns and Sir David Cairns (chairman, Statutory Committee of the Society); left, the top table; left to right, Mrs. H. Williams (president, National Association of Women Pharmacists); Mr. and Mrs. Hawkins, Mr. and Mrs. G. B. Simpson, Mr. W. J. Tristram, Mr. and Mrs. Latham, Sir David and Lady Cairns and others.

## FESTIVE OCCASIONS

### EPSOM AND SUTTON

**Pharmacist Comparable to Lawyer**  
THE professions of lawyer and pharmacist are comparable in that each is a servant of the public and each has a pride in his work giving a high standard of care, skill and integrity in helping others. That comparison was made by Sir David Cairns, Q.C. (chairman, Statutory Committee of the Pharmaceutical Society) at the annual dinner and dance of Epsom and Sutton Branch of the Pharmaceutical Society at Sutton on November 9. Many members and visitors were present to welcome the chief guest, Mr. W. J. Tristram (a member of Council of the Society). Proposing the toast to the Pharmaceutical Society, SIR DAVID CAIRNS said that it must be remembered that the Pharmaceutical Society was not just an office in London controlling the activities of pharmacists all over the country, but it was also the nucleus of a great tradition and its actions and decisions were a reflection of the feelings of pharmacists throughout the country. In reply, MR. TRISTRAM said that the symbol of a live profession was a progressive and wide education policy and a code of professional conduct.

They observed those high principles and were not satisfied that pharmacists should comply only with the law of the land, but they had to follow also a code of ethics laid down by the Society and supported by members. There had been changes in pharmacy during the years but the tradition to give a high standard of service to the community would always remain. The toast to the visitors, proposed by MR. E. E. LATHAM (Branch chairman), was responded to by MR. G. B. SIMPSON (chairman, Croydon Branch).

### HULL

#### Nearly Two Hundred Present

NEARLY two hundred members and friends attending the annual dinner and dance of the Hull Association and Branch of the Pharmaceutical Society on November 3 were welcomed by the Branch chairman (Mr. A. Brown) and Mrs. Brown. MR. H. STEINMAN (President of the Society) responded to the toast of the Pharmaceutical Society proposed by DR. GWYNETH GRIFFITH (president, East Yorkshire Branch, British Medical Association), and DR. HAROLD DAVIS (chief pharmacist, Ministry of Health), replied to the toast "Our Guests." The guests included the lord

mayor and lady mayoress of Hull, the city coroner, the medical officer of health and presidents of the Hull Branches of the British Dental Association and the Incorporated Sales Managers' Association. A competition was held during the evening and the proceeds were donated to the Benevolent Fund of the Pharmaceutical Society.

### BEDFORDSHIRE Society's Progress

A BRIEF history of the progress through the years of the Pharmaceutical Society was given by MR. J. M. DOWTY (a member of the Council of the Society) at the twenty-second annual dinner of Bedfordshire Branch of the Society at Bedford on November 16. MR. H. J. WELLER (chairman, Bedfordshire Executive Council) proposed the toast of "the Branch." He spoke of the Council's drug-testing scheme and the arrangements made by chemists for dispensing prescriptions after normal hours. LORD LUKE proposed the toast of "The Society." MR. P. M. Meiklejohn (Branch chairman) presided, and the guests were welcomed on their arrival by MR. C. F. G. Gilpin (vice-chairman).

# Pharmacy: What of the future?

## SYMPOSIUM AT SOUTHAMPTON REGIONAL CONFERENCE

AMONG more than 120 members and friends who attended the fifth annual Midsouthern Area Regional Pharmaceutical Conference at Southampton on November 16 were visitors from as far afield as Hove in the East and Weymouth in the West.

The Conference took the form of a symposium session entitled "Pharmacy: What Does the Future Hold?" A background for the discussion was provided by speakers from the Southampton, Bournemouth and Portsmouth branches of the Pharmaceutical Society, who were introduced by MR. J. E. JEFFERY (president, Southampton branch). The first speaker was MR. JOHN SWAN (vice-chairman, Southampton Branch, and secretary of the previous Conferences), who briefly surveyed the development of pharmacy as it is known today.

### Development of Pharmacy

MR. SWAN said that, through Branch Representatives' meetings, National Pharmaceutical Union discussions, Parliamentary debates, letters in the pharmaceutical Press, etc., the rank and file of pharmacy had been subjected to an avalanche of advice, praise and criticism which must often have been bewildering if it had been at all widely considered. It must seem to many members of the Society that some Conferences to which Branches were invited to send delegates did not give prominence to matters of particular interest to retail pharmacy. It was necessary at their own Conference to get down to the problems facing private pharmacists in retail business—still the biggest proportion of the membership of the Pharmaceutical Society.

Retail pharmacy had never been in a better financial state than at present, but there could be no doubt about a nagging uncertainty as to the future of retail pharmacy amongst some of the keenest and ablest in the calling. Changes during the past decade had been as insidious as they had been swift and revolutionary. In the forty-

five years since the introduction of National Health Insurance times had indeed changed. So badly organised was pharmacy at that time that Mr. Lloyd George would not even receive a deputation to discuss terms, because it did not represent seventy-five per cent. of the qualified chemists in the country. That had led eventually to compulsory membership of the Society. Prior to the introduction of N.H.I. many retail establishments had done hardly any dispensing. N.H.I. caused dispensing by retail chemists to increase, but 80 per cent. of private dispensing continued to be done through doctors' dispensaries.

Throughout that time, however, there had been many fine private pharmacies at which dispensing was considered the chief business and which were in themselves miniature pharmaceutical manufacturing concerns. The eminent pharmacists controlling those businesses gave much of their time to national pharmaceutical affairs and by their general cultural background reached a status more nearly professional than had been obtained since.

With the introduction of the National Health Service, conditions changed overnight. What pharmacy had not been able or willing to do for itself had been done in a moment by a political measure: the pharmacist became the dispenser to the nation.

A stage had now been reached at which National Health Service dispensing had become "big business." For that reason, and because the Government was the big customer, there would never be a lack of problems. The original estimate of prescriptions that would be dispensed under N.H.S. was twice as many as under N.H.I.—140 millions annually. That estimate had been fantastically wrong.

A great deal of publicity had been given to the cost of drugs, etc., under the scheme, but the drug bill was only a small part of the total cost. It was easier to criticise the cost of actual



Mr. John Swan is presented with a clock by Mr. J. C. Bloomfield on behalf of the Conference.

goods than to criticise service, and for that reason the drug bill would always be shot at. The cost of drugs, dressings, etc., had little to do with pharmacy. The pharmacist supplied what was ordered by the doctor, and the doctor to an increasing extent ordered what manufacturers could persuade him to prescribe. Would there have been the mushroom development of expensive ethical proprietaries if the welfare state had not been in existence and if the patient had been called on to pay for those expensive preparations?

### Living from Counter Trade

For many years the strength and the weakness of pharmacy had lain in the fact that a living could be made by counter trade alone. In 1949, N.H.S. revenue accounted for 22·6 per cent. of chemists' total turnover, but in 1954 the percentage had risen to 29. It was estimated today that the proportions were two-thirds counter trade and one-third dispensing.

The type of business to suffer most under N.H.S. conditions was the good-class one which did a lot of private dispensing. The business to benefit most was the small private pharmacy whose proportion of total turnover represented by N.H.S. dispensing was highest. Many small private pharmacists who themselves did all or most of the dispensing had become so tired, both physically and mentally, that they were forced to consider selling up. Such conditions made the business difficult to sell, because the man who would want to buy it did not view with pleasure the continual "nose-to-the-grind-stone" existence that had put the business into the market. Was the remedy the combination of two businesses where now there was one, or the development of pharmacies purely for dispensing and prescription requirements?

One factor that would always militate against any general development of purely professional pharmacies was the uncertainty whether the nation's dispensing would still be done by retail pharmacists. For that reason counter trade must be nursed and developed.



Mr. Dafis Jones (chairman of the Bournemouth Branch) proposes the vote of thanks. Seated (left to right) are Messrs. H. Ridehalgh, N. Francis, J. E. Jeffery, John Swan and J. C. Bloomfield.

Was there to be an increase in dispensing clinics? Could anyone say that it would not be the policy of any Government influenced by pressure from Members of Parliament to establish such centres in large towns? If that should come about what was to be the status of the pharmacists employed in them? Governments in Britain had never accorded to qualified pharmacists any substantial standing or status, as was exemplified by the attitude to pharmacists in the Forces. The hospital pharmacist had a more professional status than the retailer. Paradoxically his financial position compared unfavourably with the retailer's. There was, however, an accepted scale for payment of hospital pharmacists. In any nationwide attempt to establish dispensing clinics it would be reasonable to expect that the salaries of pharmacists employed in it would be on a par with the present scale for hospital pharmacists. Retail pharmacists would do well to ponder that.

The Council of the Society had for some time required those qualifying as pharmacists to pass an examination that would fit them for work in any branch of pharmacy—retail, hospital or manufacturing. The time might come when the question would be asked—"Is the present qualifying examination suited to the needs of retail pharmacy as it exists today?" The question of recognising unqualified assistants would inevitably keep cropping up—probably in direct ratio to the percentage of prefabricated preparations used in dispensing.

It had been argued that the future of the qualified retail pharmacist lay in advising the medical profession. The pharmacist of any standing had always been consulted by the doctor. But could it be satisfactory to the pharmacist to have that possibility his chief asset?

#### Apathy Regarding Apprentices

No calling could continue to exist unless it took steps to ensure a flow of entrants to its ranks. At present only one out of every ten apprentices came from private retail pharmacy. It was difficult to see how private retail pharmacy was to continue if so many of the good-class private pharmacists refused to take apprentices. So little concern appeared to exist over that position that one wondered if it was already accepted that private pharmacy was on the way out.

The future of retail pharmacy would be influenced by an increasing dictation to the medical profession by the manufacturers of ethical proprietaries through clever and persistent salesmanship; increasing domination of counter trade and dispensing by the big multiples through intake of apprentices; and growing frustration amongst young pharmacists in retail when they realised that practice was becoming more of a business and less of a profession, coupled with the knowledge that they had little or no training for business.

The next speaker was MR. H. RIDELGH, Bournemouth, who said that retail pharmacy, as it was known today, was doomed. Its pattern of two-thirds counter trade and one-third dispensing

would change completely. In the years to come the proportion would probably become 99 per cent. counter trade and 1 per cent. dispensing. The inception of the Welfare State had been the beginning of the end. Dispensing had gone up like a rocket, and it would certainly come down. There were three main reasons for that prediction; the inevitable march forward in new discoveries, new developments and new ways of thought; the Welfare State; and pharmacists' own weakness and lack of status—a condition they had done little to rectify over the years.

#### No Dispensing in Curriculum?

It was now some years since one South American country had omitted dispensing from its pharmacy curriculum. If medicine moved forward as much in the next ten years as it had done in the past ten, the majority of prescriptions would be pre-packed, and dispensing would come to be omitted from their own pharmacy curriculum. Getting the prescribed medicine into the patient's hands would not require any great degree of skill. Was qualification necessary to hand over a sealed package?

The pharmacist working in the manufacturing laboratory who would prepare or control the preparation of those pre-packed medicines, and the hospital pharmacist, would all require a far greater amount of training and knowledge than was required today. Progress in pre-packed medicine was making the ordinary dispensing chemist redundant.

The health centre was, as yet, on a small scale, but completely equipped health centres would be developed, and the dispensing that chemists were now doing would be drained away. There were retail pharmacists who were prepared to take on health centres and "beat them at their own game," by offering a better and quicker service and a brighter atmosphere, but "you can't argue the toss with a steam-roller." There was a health centre in Swindon, and in spite of the waiting, the inconvenience, the medicine through a hole in the wall, etc., that health centre was doing the majority of the dispensing, and the chemists in Swindon were "feeling quite a draught." In Bournemouth, five sites had been chosen for health centres. When they came, the dispensing would leave the pharmacies.

MR. SWAN had posed the question whether it would be advantageous to combine two businesses in order to cope more efficiently with the excessive amount of dispensing. The two pharmacies would become one by a process of absorption, for just the opposite reason. Had pharmacists been stronger they might have been able to convince the Government that it was not necessary to include a dispensary in a health centre. There were already sufficient, well-equipped pharmacies, suitably sited near people's homes and main shopping thoroughfares, which were capable of doing the nation's dispensing, and there was no need to spend public money on building and equipping dispensaries in health centres. Why had it always been assumed, and never really questioned, that a health

centre must include a dispensary? In all the negotiations that had taken place over the years, pharmacists had not won a single skirmish. The Government had now detected a hidden profit in the purchase of galenicals. Some chemists with big dispensing businesses were buying fifty and 100 Winchester lots at advantageous rates, and the Government negotiators seemed to assume that all chemists were making an extra profit on buying of that kind. They would pry and argue, and in the end chemists would be paid a little less.

The future of retail pharmacists depended not on pharmacy, but on business. They must streamline and modernise their businesses and business methods. They must pay more attention to counter lines, building up goodwill around the personality of the proprietor and his products. They must pay more attention to window displays and the general appearance of the pharmacy. They must dress their own windows with merchandise they wished—and knew how to—sell, instead of permitting the manufacturers, "mostly non-C.F. manufacturers," to smother their windows in crepe paper. A walk through any shopping district "when those particular parasites had swept through" would give the impression that all the pharmacies were under the same management.

The C.F. scheme could be made into a real tower of strength for chemists for the future—not something to shelter behind, but a weapon to bring more business into their shops that was now being syphoned off into grocers and stores. The company shops would also do well to listen to that; for there were bigger stores than the multiple chemists, and there would come a day when they would wish with all their hearts that they had supported C.F. in its early days.

If all retail pharmacists, both private and company, were to give 100 per cent. to the C.F. movement, they could dominate the distribution and merchandising of medical and near-medical products.

*(To be concluded)*

#### Presentation to Mr. Swan

At the close of the proceedings, MR. J. C. BLOOMFIELD presented to MR. JOHN SWAN a clock in a walnut case in recognition of his services as secretary of the Midsouthern Regional Conference from its inception in 1951 until 1954.

#### N.H.S. ESTIMATES FOR 1956-57

BIRMINGHAM.—Total, £3,493,424; pharmaceutical services, £1,120,330.

DENBIGHSHIRE and FLINTSHIRE.—Total, £967,498; pharmaceutical services, £339,227.

GALLOWAY.—Total, £217,000.

LINCOLNSHIRE (HOLLAND).—Total, £294,950; pharmaceutical services, £76,500.

MIDDLESEX.—Total, £8,005,000. Revised estimate for the year ending March 31, 1956, £7,212,000.

## PHARMACIES OF BRITAIN—42



THE PHARMACY AT HILL RISE, RICHMOND, SURREY.

Around 1850 a pharmacy was established in Hill Rise, Richmond, Surrey, after a new shopfront had been added to the mid-eighteenth-century house. Inside the pharmacy the original shelves and counters are still in position. Mr. R. H. E. Hayward, M.P.S., the proprietor, has taken care to retain the original character of the house.



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## Travellers' Commission

THE right of a commercial traveller to commission is based on the ordinary law of agency. Though he may be acting as an agent, a traveller is in practice in a somewhat different category from other people who take up work on a commission basis. An agent, for example, ordinarily enters into a carefully worded agreement with his principal. Probably it has previously been examined and corrected by the legal advisers of each party. Such formality and care is not always present in agreements as between representatives and their principals. Sometimes the agreement between the parties is made in an exchange of letters, sometimes even by word of mouth alone. A question often in dispute is whether a traveller is entitled to any commission after his agency has ended. The general rule is that an agent may only claim remuneration on transactions that are the direct consequence of his agency. It is not necessary for him actually to complete the transaction, but he must show that his intervention was the "effective cause" in bringing it about. An agent normally loses his right to remuneration when his agency ends. But there may be an express stipulation that makes the principal liable to continue paying commission upon orders sent by a customer who was originally introduced to him by an agent. In any particular case the answer depends upon the construction of the terms of the agency agreement. Where there is nothing in writing it becomes a matter of evidence what agreement was made by word of mouth. When the precise agreement between the parties has been discovered, the date on which the agent's remuneration should cease depends on the construction of the agreement.

In a case before the courts a company had engaged an agent as a commercial traveller on a salary and commission on all business obtained by the agent, including repeat orders from all firms in the ground allotted to him. It was stipulated that the agent should have the commission on all accounts he opened, including all repeat orders, whether they were actually handed to the agent or posted direct to the company. Three years later the agent resigned, and the company refused to pay the agent commission on orders received thereafter. The court found that, on the construction of the agreement, the parties contemplated payment of the commission earned only during the continuance of the agreement.

If an agreement does not say what is to happen about remuneration after the termination of the agree-

ment, it would be natural to suppose that no remuneration is payable thereafter, but silence is not necessarily conclusive.

In the two cases described below, the agreement was silent on the subject. In the first the company agreed with the agent to pay him 5 per cent. on all accounts introduced by him so long as they did business with the persons he placed on their books. Commission was paid regularly for sixteen years, until, by notice, the company terminated the agreement. The court held that the commission on accounts introduced by the agent continued to be payable so long as the company continued to do business with the persons the agent had introduced. In another case a company agreed with an agent as follows: "I agree to pay you half profits on receipts of orders provided the customer is good. Same applies to repeats on any accounts introduced by you." After a time disputes arose between the parties, and the company terminated the agreement, without giving any notice. The court held that, under the agreement, the agent was entitled to commission on orders whenever received, if they came from customers who had been introduced by him. Furthermore the agreement was not for a definite period; it was for an indefinite term. Therefore, the agent was held to be entitled to commission on orders whenever received.

As a matter of practical good sense—and to avoid legal difficulties—a traveller who feels that he should become entitled to commission on "repeat" orders after his agency agreement ends is well advised to make a clear written stipulation to that effect when negotiating with his intended principal. On the other hand, a principal who does not wish to continue paying his agent commission after the agency ends should make it abundantly clear in writing that commission or other remuneration is no longer payable after the agency agreement ends, whether by notice or otherwise. Of course, a principal must always pay commission that has accrued, but may not actually have been paid before the termination of the agency agreement.

## Burden of the "Basic Pack"

THE new list of "basic pack" proprietaries that is being issued to chemist contractors under the National Health Service is more than two and a half times the length of the original list which was issued in 1953. There are seventy-six entries in the new list against thirty in the first. And there is talk of a further hundred products being added! No wonder the National Pharmaceutical Union is thoughtfully providing its members with a rubber stamp for "opting out" of payment on the basic pack scale.

Contractors must obviously be on the alert to see that no EC10 slips through to the Pricing Bureau to be priced on the basic pack when a smaller pack was used in the actual dispensing.

It is axiomatic that the longer the list of basic packs becomes, the more chance there is of the contractor's losing money. It is to be hoped, therefore, that the analysis of prescriptions that is being undertaken by the Central Checking Bureau on the directions of the Central N.H.S. Committee will provide evidence strong enough to persuade the Ministry to reverse the present trend towards frequent extensions of the list of basic packs.

## Onward from Galen

### A CURRENT CAUSERIE

WHEN the Minister of Health visited the Poplar Hospital, London, E.14, in October to speak at the Hospital centenary celebrations, his audience included Miss D. Hayes, who retired earlier this year from the position of pharmacist. Miss Hayes had worked at the hospital for twenty-five years and still does part-time work for another hospital in the Bow Group. Through being off duty on the night of May 10, 1941, when a high-explosive bomb hit the hospital, Miss Hayes escaped the fate of her assistant pharmacist, Miss Elizabeth Pearson, who was killed. Poplar Hospital was founded in 1855 by shipowners primarily to deal with casualties in the docks. It nearly closed in 1870—because there were not enough accidents, owing to industrial depression. The present pharmacist is Mr. K. M. Sutton, M.P.S.



In a letter to the *Glasgow Herald* recently, a Glasgow pharmacist made game of the jargon that continues to be used by civil servants. "One of my duties as a pharmacist," he writes, "is to send monthly to the National Health Service pricing bureau my return of prescriptions for the preceding month. All of those prescriptions are examined by me, and if necessary endorsed with any remarks thought likely to be of assistance to the pricer. If the validity or accuracy of any endorsement is in question, the prescription form is returned to me for enlightenment. I have just received the following (handwritten) comment on one of my endorsements: 'Should be vouched for by the practitioner, adhibiting his initials, having regard to the cost.' I should imagine that if I asked any practitioner to 'adhibit' anything he might proceed to remove my appendix."



THE domestic washing machine would not leap to the mind as equipment for a mycological laboratory, but eight Hoover washing machines are being used in the Akers research laboratories of Imperial Chemical Industries, Ltd., the Frythe, Welwyn, Herts, for the experimental cultivation of antibiotic-producing moulds. The idea of employing washing machines for the purpose first occurred to the research people about four years ago. A Hoover machine was obtained for the trials. The problem was to stir constantly and aerate the solution in which the moulds are grown. The first machine, as adapted by Messrs. I.C.I., proved satisfactory. It has been run for 7,000 hours, or the equivalent of seventy years' domestic use, and is still running, together with seven other adapted Hoover washing machines. The adaptation consists of connecting an air inlet pipe to the normal drainage outlet and of using a special lid. The lid has five holes in it: two to feed water to a small heat-exchanger immersed in the solution in the tub so as to maintain it at a constant summer-heat temperature; one for filling the tub with the solution on which the mould is grown; a fourth to enable samples to be taken during the experiment; and the fifth to carry a glass pipe down to a bucket as an air exit and carry off any overflow of "froth." The heat-exchangers of pairs of washing machines are supplied with a flow of constant-temperature water from a large thermostat. There is other apparatus to supply the sterile and humidified air. Before being connected for an experiment each washing machine is sterilised in a large steriliser. Seven different moulds have been grown in the machines, the use of which has resulted in an eightfold increase in the average yield.

## INFORMATION WANTED

*The Editor would appreciate information about suppliers of the following item:*

NEKOL paint

## MEDICAL ABSTRACT

### ISONIAZID p-AMINOSALICYLATE

In 1954 the opportunity arose to test in Britain an additive compound between para-aminosalicylic acid and isoniazid of which favourable reports had been given by Swiss workers. Clegg (*B.M.J.*, 1955, ii, 1004), in a small pilot trial to determine first whether the salt was active *in vivo*, and secondly whether after its use a drug resistance developed quickly. "Within the limits of a trial of this small size, the answer to both questions would appear to be favourable." The material used in the tests was supplied by Bengué & Co., Ltd.

## CORRESPONDENCE

*Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.*

### MANCHESTER'S PRESIDENT'S EVENING

SIR.—Application forms for tickets for the president's evening and annual dinner-dance of the Manchester Pharmaceutical Association, which is being held at the Grand Hotel, Manchester, on Wednesday January 11, 1956, have now been sent out. If there are members who, for one reason or another, do not receive these forms, they can apply direct to the undersigned for the tickets, which cost 25s. each and are limited in number. Early application with the appropriate remittance is therefore requested.

5 BOLTON ROAD,  
WALKDEN,  
MANCHESTER

G. I. THOMAS, *Social Secretary,*  
MANCHESTER PHARMACEUTICAL  
ASSOCIATION

### BUSINESS AS USUAL

SIR.—Unfortunately, on November 15, we had a fire at our premises in Barnsley, and reports by the national and provincial Press make it appear that the works were completely burnt to the ground. That is completely untrue, and it is causing some embarrassment from customers telephoning and cancelling orders. The facts are that our raw material stores were burnt out, but the finished goods store and factory were not touched at all. In fact the night production shift continued working all the time the firemen were fighting the blaze. So far as the company is concerned, it is "business as usual." We have ample supplies to meet all requirements and full production continues.

SUBA-SEAL WORKS, S. W. FULLER, *General Sales Manager*  
BARNESLEY

### BENEVOLENCE IN IRELAND

SIR.—Of the great number in Irish pharmacy who patronise the various functions held in aid of the Benevolent Fund of the Pharmaceutical Society, or who generously subscribe to it each year, few have anything but a vague idea of the activities of the Fund, or the type of applicants who receive benefit. Mr. X, for example, was a pharmaceutical chemist who became totally incapacitated following a bad nervous breakdown. He had no resources whatever, but the Fund came to his assistance to the extent of £75, helping to cover the cost of his treatment, and providing some comforts. Mrs. Y was the aged widow of a pharmacist who died leaving her nothing upon which to carry on. There was no family upon which she could rely to help out. The Fund came to the rescue. When she herself fell seriously ill it paid for her medical care. When, at last, the old lady died, the Fund saw to it that she was decently interred and paid all the funeral expenses. Grants paid out in that case totalled around £100. Mr. W. was a pharmaceutical chemist in good employment. Everything was going well with himself and his young family until suddenly stricken with a serious illness. The few resources he had were quickly exhausted, but the Fund saw to it that his wife and the large family of young children were helped in every way possible, even to paying the school fees of the older children. The help continued until the pharmacist was restored to health and able to resume gainful employment. Those are but a few of many similar cases where the meritorious and fine work of the Benevolent Fund has been of untold help. Practical appreciation can be shown by patronising the Dublin Benevolent Fund dance on December 6, or by sending a subscription.

CHARITAS

# PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

A MEETING of the Council of the Pharmaceutical Society of Northern Ireland was held in Belfast, on November 18, the president (Mr. S. E. Campbell) in the chair. The resignation of Mr. H. P. Crossin as a member of Council was accepted with regret. It was agreed to place on record an appreciation of his services to pharmacy.

In a letter to the Council Mr. CROSSIN, who was vice-president last year, said that he had taken his decision after due consideration and with deep regret following a strain on his health in recent times. MR. CAMPBELL said that the Council deeply regretted Mr. Crossin's decision and hoped that his health would improve. MR. C. A. QUINN (vice-president) proposed that Mr. Crossin's services should be placed on record and that he should be forwarded a letter of regret on the decision from the Council. MR. W. H. BOYD said that Mr. Crossin had been an invaluable member of Council and although he was resigning he had said that he would be willing to give the Council his assistance at any time. MESSRS. H. F. MOORE and H. W. GAMBLE joined in the tributes to Mr. Crossin.

THE PRESIDENT expressed sympathy to Mr. F. R. Moore (a member of Council) on the death of his sister and it was agreed to forward a letter of condolence to the relatives. The Council adopted a report from the House Committee

which recommended alterations to the office of the Society and redecoration and repairs to some of the rooms. Approval was given to a recommendation of the Education Committee to grant certificates of apprenticeship to William Thomas Cochrane, Portadown; David Boyd Harpur, Belfast; and Stanley McMinn, Bessbrook.

THE SECRETARY (Mr. William Gorman) tabled a recommendation of the Finance Committee on a report from the Society's stockbrokers on the Society's investments. The Committee recommended that £1,000 in 2½ per cent. Defence Bonds and £500 in 3 per cent. should be sold and that the money be re-invested in Northern Ireland Electricity Board 4½ per cent. guaranteed stock 1967 and 1968. The recommendation was adopted on the motion of Mr. G. E. McILHAGGER, seconded by MR. P. R. W. SHINNER.

The Council agreed that the seal of the Society should be affixed to the certificate of qualification of Ivan Henry McFarland. MR. GORMAN reported that the Society's examinations would commence on Saturday, December 10 and it was agreed to hold the next meeting of Council on December 9. MR. GAMBLE asked permission to withdraw from the membership of the Statutory Committee from December 1 and that was agreed to. It was agreed to place the vacancy on the agenda for the next meeting of Council.

## NORTHERN IRELAND PHARMACY BILL

### Poisons Board to be set up

THE Pharmacy and Poisons Bill (Northern Ireland), the text of which was issued on November 21, provides for the establishment of a Poisons Board for Northern Ireland, defines the objects and powers of the Pharmaceutical Society, extends the powers of the Council of the Society and alters the provisions for apprenticeship and examination.

Clause 1 provides for the constitution of the Poisons Board, which shall consist of a chairman appointed by the Ministry of Home Affairs; the pharmaceutical inspector for the time being of the Ministry of Home Affairs; three persons appointed by the Council of the Pharmaceutical Society of Northern Ireland; two persons appointed by the Faculty of Medicine of Queen's University, Belfast; one person appointed by the Ministry of Agriculture; one person appointed by the Council of the Royal Institute of Chemistry; one person appointed by the Northern Ireland Hospitals Authority, and any such additional members, not exceeding three in all, as the Minister of Home Affairs may appoint.

It is proposed that the appointed members should hold office for a term of three years from the date specified by the appointing authority. If the place of an appointed member of the Board becomes vacant before the expiration of his term of office, whether by death, resignation or otherwise, the vacancy should be filled by appointment by the authority by whom the outgoing member was appointed and any person so appointed should hold office so long only as the member to whose place he was appointed would have held office. Any appointed member ceasing to be a member of the Board should be eligible for re-appointment.

The Bill provides that the powers of the Poisons Board may be exercised notwithstanding any vacancy among its members and all acts done at any meeting of the Board should, notwithstanding the subsequent discovery of a defect in the appointment of a person purporting to be a member, be as valid as if that defect had not existed. The quorum is to be seven but subject to such rules, if any, as the Minister of Home Affairs might from time to time prescribe, the Board should have power to regulate its own

procedure and appoint such subcommittees from among the members of the Board as is thought fit.

It is proposed that the Ministry of Home Affairs may with the approval of the Ministry of Finance defray out of moneys provided by Parliament expenses reasonably incurred by the Board or any member.

Referring to the functions of the Board, the Bill provides that the Board shall advise the Minister of Home Affairs on the substances which are to be treated as poisons for the purposes of the Pharmacy and Poisons Acts (Northern Ireland) 1925 to 1955, and on such other matters as may from time to time be referred to it by the Minister. It shall also be the duty of the Board to prepare and submit to the Minister for confirmation a list of the substances which are to be treated as poisons. The list, it is proposed, will consist of two parts of which Part I shall contain poisons which can be sold only by authorised sellers of poisons and Part II, poisons which cannot be sold except by authorised sellers of poisons and those who are authorised by the local authority.

The Bill provides that in determining the distribution of poisons as between Part I and Part II of the list, regard should be had to the desirability of restricting Part II to articles in common use, or likely to come into common use, for purposes other than the treatment of human ailments and which it is reasonably necessary to include in Part II if the public are to have adequate facilities for obtaining them. It also provides that the Minister shall forthwith take into consideration the list submitted to him by the Poisons Board and may by order confirm it, with or without modifications and that where he proposes to confirm the list with modifications he should inform the Poisons Board of the proposed modifications and give the Board a reasonable opportunity of making further observations.

Provision is also made for the registration by a county borough or local authority of persons, other than chemists, who are entitled to sell certain poisons. The provision covers the sale of agricultural and horticultural poisons and also household poisons such as are sold by grocers and hardware merchants. It also provides for an appeal to the Minister against a decision of the local authority to

refuse to register a name or to remove it from the register.

In Part II of the Bill, provision is made that the number of representatives of pharmaceutical chemists on the Council of the Society—in addition to the president and vice-president should be increased from twelve to eighteen.

It is proposed to extend the powers of the Council to:—(a) direct and manage such of the business and affairs of the Society as the Society may by resolution direct; (b) to control and manage the property and funds of the Society and to invest and apply the same in such manner as the Council may, subject to such general or special directions, if any, as may be given to it by the Society, think desirable; (c) to employ and pay such auditors, accountants and other advisers as the Council may think fit; (d) without prejudice to the powers conferred on the Society under the 1925 and 1945 Acts, to acquire and hold land without licence in mortmain and to dispose of or charge it.

The Bill also permits the prescribing of increased retention fees. The previous statutory limit was £2 and that has now been increased to £4.

The period of apprenticeship proper is proposed to be reduced from four years to two years and the remaining three years of the qualifying period are to be spent in full-time approved courses of study. There is also a special provision for the method of examination of ex-servicemen.

Provision is also made that after the commencement of the Act a person shall not hold the office of chemist, compounder or dispenser in a public institution unless he is and continues during the period of his appointment to be a member of the Society. It also removes the disability previously attaching to a pharmacist whose name had been removed from the register by the Minister from being a partner or director in any firm trading as pharmaceutical chemists. That disability did not attach to anyone removed from the register by the Statutory Committee of the Society. The Minister of Home Affairs retains a power to make a specific direction that a person removed from the register shall be disqualified from being such a partner or director. Provision is also made to give the Minister power to appoint an additional inspector or inspectors.

## INCOME TAX PROBLEMS

### 5. REDUCING A COMPANY'S SHARE CAPITAL

BY A FORMER OFFICIAL OF THE INLAND REVENUE DEPARTMENT

**I**N a recent tax appeal, the House of Lords decided that £1 might, in certain circumstances, equal 27s. A company, on its formation, had made an issue of £1 preference shares which, under its articles of association, were redeemable at 27s. per share. The company redeemed the shares at that price. The Income Tax Acts provide that no sum applied in reducing the share capital of a company may be treated as a distribution of profits for profits tax purposes. The Inland Revenue argued that the amount of capital reduction was £1 per share, and that the premium of 7s. was a distribution of profit, and therefore taxable. The company appealed against the decision to the Special Commissioners of Income Tax and won the case. The Inland Revenue took the matter to the Court of Appeal, and again the company won, Lord Justice Hodson dissenting. Finally the Inland Revenue took the case to the House of Lords, and the company again won.

Viscount Simonds, in giving judgment, thought that the amount of capital reduction was a question of fact. So long as the provisions of the Companies Act of 1948 were observed, it was open to a company to make what bargain it liked with its shareholders as to terms of redemption, and the 27s. per share applied by the company in the case in question was wholly applied in reducing share capital. He added: "As a matter of accountancy it may well be that, if the sum so applied is larger than the nominal amount of the redeemed shares, some other alteration must be made in the balance sheet beyond the change in the capital structure. That is, in my opinion, irrelevant to the question of what sum was applied in reducing the capital."

Lord Morton, referring specially to Lord Justice Hodson's dissent, agreed with his statement that "as a matter of arithmetic, the maximum sum that can be applied in reduction of capital is the amount of the capital itself, namely £1 per share." Lord Morton said, however, that it was not merely a question of arithmetic, and that in his view it is quite possible to apply a sum greater than £1 in reducing the capital by £1.

Doubtless many companies will soon be considering whether that decision can be used to reduce the amount of profits tax payable. Caution is, however, indicated, for it is doubtful whether the Inland Revenue will accept that decision as governing future practice. In all probability they will introduce amending legislation at an early date, so as to close a possible loophole. In the absence of such legislation, or until it is passed, a company's redemptions can, if a company's articles of association provide for redemp-

tion at a premium, be made at the premium price without attracting profits tax. If, however, there is no mention of premium in the articles of association, the Inland Revenue would certainly contest any case of capital reduction at a premium. It must also be remembered that the Inland Revenue could cite a section of the Income Tax Acts if they are of opinion that the main purpose of a transaction is avoidance of, or reduction of liability to, tax.

### A PHARMACIST'S ANTHOLOGY REGAINING HIMSELF

From *Aaron's Rod* by D. H. Lawrence

THE next morning, when he came in, he found the patient lying as ever, in a sort of heap in the bed. Nurse had had to lift him up and hold him up again. And now Aaron lay in a sort of semi-stupor of fear, frustrated anger, misery and self-repulsion: a sort of interlocked depression. The doctor frowned when he came. He talked with the nurse, and wrote another prescription. Then he drew Lilly away to the door. "What's the matter with the fellow?" he said. "Can't you rouse his spirit? He seems to be sulking himself out of life. He'll drop out quite suddenly, you know, if he goes on like this. Can't you rouse him up?" "I think it depresses him partly that his bowels won't work. It frightens him. He's never been ill in his life before," said Lilly. "His bowels won't work if he lets all his spirit go, like an animal dying of the sulks," said the doctor impatiently. "He might go off quite suddenly—dead before you can turn round—". . . Suddenly Lilly rose and went to the dressing table. "I'm going to rub you with oil," he said. "I'm going to rub you as mothers do their babies whose bowels don't work." Aaron frowned slightly as he glanced at the dark, self-possessed face of the little man. "What's the good of that?" he said irritably. "I'd rather be left alone." "Then you won't be." Quickly he uncovered the blond lower body of his patient, and began to rub the abdomen with oil, using a slow, rhythmic, circulating motion, a sort of massage. For a long time he rubbed finely and steadily, then went over the whole of the lower body, mindless, as if in a sort of incantation. He rubbed every speck of the man's lower body—the abdomen, the buttocks, the thighs and knees, down to the feet, rubbed it all warm and glowing with camphorated oil, every bit of it, chafing the toes swiftly, till he was almost exhausted. Then Aaron was covered up again, and Lilly sat down in fatigue to look at his patient. He saw a change. The spark had come back into the sick eyes, and the faint trace of a smile, faintly luminous, into the face. Aaron was regaining himself. But Lilly said nothing. He watched his patient fall into a proper sleep.



# ANTITOXINS

*against*

## TETANUS, DIPHTHERIA & GAS-GANGRENE

*Antitoxic sera are prepared at The Evans Biological Institute by enzyme treatment, refinement and concentration. This reduces non-specific protein to a minimum and increases the units/volume ratio 6-10 times.*

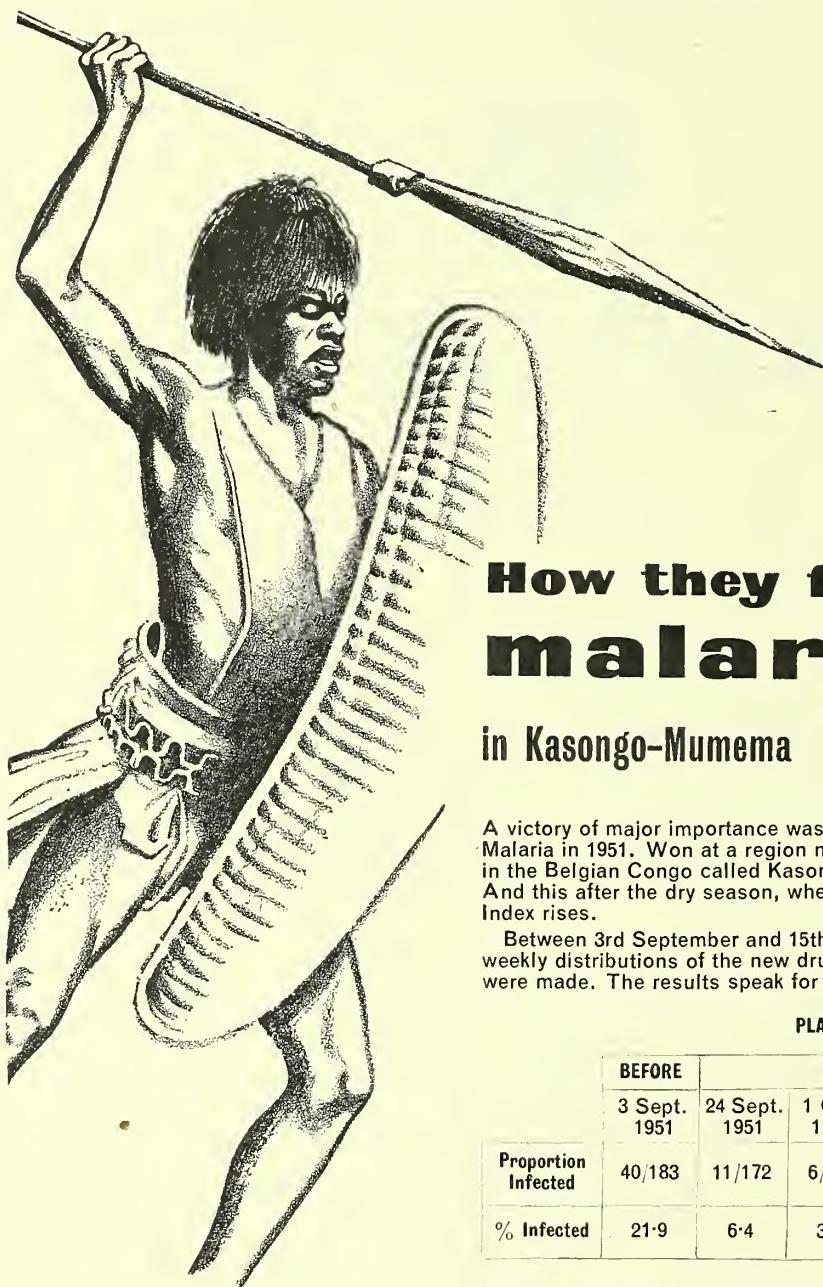
*Numerous advantages over unconcentrated sera follow from this process.*

- ★ Smaller volume needed for injection
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*Presented in ampoules and  
rubber-capped bottles, varied to suit  
prophylactic or therapeutic requirements.*

***Evans Refined Globulins Enzyme Treated***

**EVANS MEDICAL SUPPLIES LTD.**  
SPEKE, LIVERPOOL 19.



## How they fought malaria

in Kasongo-Mumema

A victory of major importance was won against Malaria in 1951. Won at a region near Elizabethville in the Belgian Congo called Kasongo-Mumema. And this after the dry season, when the Sporozoite Index rises.

Between 3rd September and 15th December, 1951, weekly distributions of the new drug, 'Daraprim', were made. The results speak for themselves :

PLASMODIAL INDEX

	BEFORE		AFTER				
	3 Sept. 1951	24 Sept. 1951	1 Oct. 1951	22 Oct. 1951	19 Nov. 1951	17 Dec. 1951	
Proportion Infected	40/183	11/172	6/170	4/158	2/149	0/161	
% Infected	21·9	6·4	3·5	2·5	1·3	Nil	

On the 26th March 1952 the Index was still negative.

Evidence of this kind shows the major role that 'Daraprim' can play in suppressing malaria in a community.

**'DARAPRIM'**  
PYRIMETHAMINE  
BRAND

In the French Union, Tunisia and Morocco pyrimethamine is available under the trade name 'Malocide'.



BURROUGHS WELLCOME & CO. (THE WELLCOME FOUNDATION LTD.) LONDON

ASSOCIATED HOUSES:

AUCKLAND · BOMBAY · BUENOS AIRES · CAIRO · CAPE TOWN · DUBLIN · KARACHI · MONTREAL · NEW YORK · RIO DE JANEIRO · SYDNEY

## TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

**LONDON, NOVEMBER 23:** Although a good number of inquiries for CRUDE DRUGS and ESSENTIAL OILS were received during the week, the volume of actual purchasing remained limited, both on home and overseas accounts. Because of a continued shortage of Chinese galls, TANNIC ACID has been marked up by sixpence per lb.

Manufacturers report that their order books for tannic acid are full for several months ahead, meanwhile China has had heavy calls for the raw material, Japan featuring prominently among the buyers. Some BUCHU ovals were expected to be available shortly at 7s. per lb., whilst a small parcel of mixed leaves were offered at 7s. 6d. per lb. African old-crop GINGER was 5s. per cwt. cheaper for shipment. All types of PEPPER were quiet with prices slightly lower. TURMERIC on the spot was unchanged though business in new crop was reported on somewhat easier terms. Among AROMATIC SEEDS, FENUGREEK was very firm because of depleted stocks on the spot. CORIANDER was also firm but FENNEL was neglected.

There was a general reduction in the price of BARBITURATES, the new rates for which are given below. The prices of THEOBROMINE, CAFFEINE and their main salts are fluid with a generally easier tendency throughout.

There were a considerable number of price changes among ESSENTIAL OILS; higher per lb. were English GINGER for which 45s. more per lb. was asked. Dutch SPEARMINT was up by 4s. 6d., Ceylon CITRONELLA by three-halfpence on the spot and Formosan by fourpence-halfpenny for shipment. LEMONGRASS was dearer by sixpence in all positions and red THYME by 2s. 6d. Among the oils quoted lower were CAJUPUT, CANANGA and imported CLOVE (all by one shilling per lb.); Siberian PINE by 1s. 6d. and Bourbon VETIVERT by 2s. 6d. BOIS DE ROSE for shipment was easier by 2s. per lb.

### Pharmaceutical Chemicals

**AMIDOL.**—Quotations for 1-cwt. lots are 20s. per lb.

**ANTIMONY SALTS.**—Quotations for POTASSIUM TARTRATE, B.P., are 7s. 6d. per lb. for 1-10 cwt. and SODIUM TARTRATE, B.P., 13s. 3d.

**BARBITONE.**—Rate per lb. for 1-cwt. lots is 24s. per lb. The SODIUM derivative is 24s. 6d. per lb.

**BUTOBARBITONE.**—B.P.C. is 70s. per lb. in 1-cwt. lots.

**CAFFEINE.**—Easier. For 1-cwt. lots, ALKALOID, B.P. is 21s. 3d. per lb.; ANHYDROUS ALKALOID, 22s. 3d.; and CITRATE, 14s.; SODIUM IODIDE, 24s. 9d.

**CALCIUM CARBONATE.**—B.P. light-pre-precipitated powder is £27 10s. per ton, ex store. Minimum 1-ton lots.

**CALCIUM GLUCONATE.**—Quantities of 3-cwt. and upwards are quoted at 3s. 9d. per lb.; 1-cwt. to 2-cwt., 3s. 10d.

**CARBROMAL.**—B.P.C. is 21s. per lb. delivered in returnable packing.

**CHLORAL HYDRATE.**—In 1-cwt. lots the price is from 3s. 10d. per lb. as to holder.

**CHLOROBUTOL.**—28 lb. lots are at the rate of 10s. per lb.

**CHLOROXYLENOL.**—B.P. quality is 5s. 9d. per lb. for 1-cwt. lots, and 5s. 7d. for 10-cwt.

**CINCHOPHEN.**—1-cwt. lots are quoted at 21s. per lb.

**CYCLOBARBITONE.**—B.P.C. and CALCIUM derivatives in 1-cwt. lots are 62s. 6d. per lb.

**GUAIACOLS.**—LIQUID, B.P., is 16s. 3d. per lb. for 28-lb. lots; CRYSTALS, 16s. 9d.; CARBONATE, 18s. 3d.

**HEXOBARBITONE.**—In 1-cwt. lots the price is 50s. per lb.

**HYDRAZINE HYDRATE.**—Price per ton is £153 for the 10 per cent. (w/v) solution and £33 for the 2½ per cent.

**IODIDES.**—The current quotations are given below:—

IODIDE	per lb.	Quantity
AMMONIUM ...	22 0	28 lb.
ARSENIC TRI- ...	47 6	28 lb.
CADMUM ...	22 6	28 lb.
CALCIUM (PLATES) ...	22 3	28 lb.
ETHYL ...	27 6	28 lb.
LITHIUM ...	29 0	28 lb.
POTASSIUM ...	13 7	1 cwt.
SODIUM ...	16 7	1 cwt.
STRONTIUM ...	23 0	28 lb.
ZINC ...	27 9	7 lb.

**IRON SALTS.**—SULPHATE, B.P. crystals are 8d. per lb. in 28-lb. lots; 1-cwt., is 46s. 3d. per cwt. and 5-cwt., 43s. 9d. per cwt. Granulated and pearl crystals are 2s. 6d. per cwt. more; SULPHATE, EXSICCATED is 1s. 2d. per lb. for 28-lb., 1 cwt., 103s.; 5-cwt., 99s. per cwt.; 1-cwt. fibre kegs free, other packages extra. PHOSPHATE, SACCHARATED, B.P.C., 28-lb. lots are 3s. 3d. per lb. OXIDE, RED PRECIPITATED, B.P.C., 1-cwt., 1s. 8½d. per lb.; CARBONATE, SACCHARATED, B.P.C., 28-lb., 2s. 8d., 1-cwt., 2s. 5d.

**LACTOSE.**—English, in 1-ton lots packed in 1-cwt. paper-lined sacks, is £137 per ton, delivered in the United Kingdom.

**LITHIUM SALTS.**—Current minimum rates (5-cwt.) are as follows:—BENZOATE, 11s. per lb.; CARBONATE, B.P.C., 11s. 3d.; CHLORIDE (commercial), 10s. 9d. to 11s.; HYDROXIDE, 10s. 6d.; CITRATE, B.P.C., 9s.; SULPHATE, 8s. 6d.; SALICYLATE, 9s. 9d. (10-cwt.), delivered.

**METHYL PHENOBARBITONE.**—B.P. is 43s. per lb. in 1-cwt. lots.

**NIKETHAMIDE.**—Prices per kilo are:—1 kilo; 113s.; 50 kilos, 105s.

**OPIATES.**—Home trade rates for 4-oz. up to 7-oz. lots including container (non-returnable) are as follows:—CODEINE.—alkaloid, hydrobromide, iodide, 58s. 6d. per oz. (2,063s. per kilo); hydrochloride, sulphate, 51s. 3d. (1,808s.); phosphate, 44s. 9d. (1,578s.). DIAMORPHINE.—Alkaloid, 60s. 3d. per oz. (2,125s. per kilo); hydrochloride, 54s. 9d. (1,931s.). ETHYL-MORPHINE.—Alkaloid, 63s. per oz. (2,222s. per kilo); hydrochloride, 53s. 9d. (1,896s.). MORPHINE.—Alkaloid, bimeconate, tartrate, 60s. 6d. per oz. (2,134s. per kilo); acetate, hydrochloride, sulphate, hydrobromide, 50s. 3d. (1,773s.).

**PAPAVERINE.**—Synthetic HYDROCHLORIDE is from 355s. to 360s. per kilo. ALKALOID, 405s. to 415s.

**PARAFFINS.**—Prices to wholesale distributors are:—Liquid : HEAVY, B.P., £100 17s. 6d. per ton; LIGHT, B.P., £83; Technical White oils, £70 10s. for the

LIGHT and £84 for the medium, all in 40-55 gall. returnable loaned drums, delivered U.K. Soft: WHITE, medium consistency is now £97 15s. per ton, WHITE, soft consistency, £95 10s., and YELLOW, £75 10s., all B.P., in non-returnable drums delivered. Hard: Melting point 135/140° F., is £84 12s. 6d. and 145/150° F., £85 12s. per ton, in minimum 1-ton lots.

**PHENOBARBITONE.**—1-cwt. lots are 24s. 6d. per lb.; SODIUM is 6d. per lb. more than above rates.

**PHENYTOIN SODIUM.**—B.P. is 23s. per lb. in 1-cwt. lots.

**ROCHELLE SALT.**—Rates (per cwt.) for powder or granulated material are as follows:—In 5-cwt. lots or over, 200s. per cwt.; 1-cwt., 202s. 6d. SEIDLITZ POWDER ordinary strength is 160s. 6d. per cwt. in 1-cwt. lots; smalls, from 2s. to 2s. 3d. per lb. Extra strong is 172s. 6d. per cwt., and from 2s. 1d. to 2s. 4d. per lb. for small quantities. Double-strength is 180s. per cwt.; smalls, 2s. 2d. to 2s. 5d. per lb.

**SODIUM PERBORATE.**—Prices (per cwt.) are 145s. 9d. in 1-cwt. kegs; 138s. 3d. in 1-cwt. bags for B.P.C. (minimum 10 per cent. available oxygen). Other strengths pro rata. The PERBORATE MONOHYDRATE testing 15 per cent. available oxygen is 309s. 9d. per cwt.

**SODIUM SULPHATE.**—Makers' prices for B.P. range from £11 10s. to £18 17s. 6d. per ton as to crystal and quantity, ex works.

**SODIUM SULPHITE.**—1-ton lots on the spot of ANHYDROUS (48-50 per cent.) are £66 10s. per ton in 1-cwt. drums or £62 5s. in 1-cwt. bags; CRYSTALS, B.P.C., are £31 15s. per ton in 2-cwt. paper-lined bags. Commercial crystals are from £25 5s. to £27 as to packing.

**SODIUM THIOSULPHATE.**—Makers' price for 1-ton lots in paper-lined bags is £35 15s. per ton.

**TANNIC ACID.**—The B.P. levis, ex ether is advanced to 4s. 9d. per lb. for 5-cwt. lots and 5s. per lb. for 1-cwt.

**TERPINEOL.**—Prices of B.P. grade are from 3s. to 3s. 6d. per lb., as to quantity.

**TERPIN HYDRATE.**—Prices are from 5s. per lb. upwards as to quantity.

**THEOBROMINE.**—Easier. Alkaloid is 29s. 3d. per lb. for 1-cwt. lots and the SODIUM SALICYLATE, 19s. 3d. per lb.

**THEOPHYLLINE.**—1-cwt. lots of ALKALOID are quoted at 22s. 6d. per lb. and AMINOPHYLLINE at 23s. 6d.

### Crude Drugs

**AGAR.**—Kobé No. 1 is 12s. 3d. per lb., in bond and 13s. 6d., duty paid. Prompt shipment offers are 11s. 9d., c.i.f.

**ALOES.**—Prime Cape is cleared on the spot. A small parcel for shipment is quoted at 300s., c.i.f.

**ASAFETIDA.**—Persian block is from £10 to £14 per cwt., duty paid, as to quality.

**BALSAMS.**—Quotations (per lb.) are:—Canada: spot offers are now 19s. and for shipment, 19s., c.i.f. Copiba, insoluble is 6s., and soluble, 7s. 6d., both in bond. Peru is scarce on the spot at 9s. 7½d., duty paid. Tolu (genuine as imported) is short on the spot at 26s. 6d.; B.P. is 17s. 6d., spot.

**BISMUTH METAL.**—Minimum rate is 16s. 6d. per lb.

**BUCHU.**—Ovals available shortly are offered at 7s. per lb and a small lot of mixed leaves on the spot are 7s. 6d. per lb.

CHAMOMILE.—Belgian flowers are 5s. 3d. per lb. on the spot.

GALANGAL.—Root is quoted at 55s. to 60s. per cwt., c.i.f., for f.a.q.

GENTIAN.—Firm, French natural root on the spot is from 125s. to 130s. per cwt. as to holder.

GINGER.—African is offered on the spot at 262s. 6d. per cwt. with sellers for shipment at 245s., c.i.f., for old crop. Jamaican No. 3 is offered at 440s. on the spot.

HONEY.—Australian light-amber is offered on the spot at from 125s. to 135s. per cwt.; medium-amber is difficult to find at 130s.; Argentine, 140s.; Jamaican, 145s. ex store.

HYDRASTIS.—Root is from 18s. to 19s. 6d. per lb., on the spot.

IPECACUANHA.—Nicaraguan is offered for shipment at about 63s. per lb., c.i.f., January–February 1956 delivery; Colombian at 49s. 6d. (November–December shipment), c.i.f. Spot Colombian is 55s.; Nicaraguan, 68s.

JALAP ROOT.—Vera Cruz, powdered, is offered at 4s. 6d. per lb.; no offers of whole root. Brazilian, 12s. 6d. per cent., is quoted at 2s.

KARAYA.—No. 1 gum on the spot is quoted at 325s. per cwt., and No. 2 at 275s.

KOLA NUTS.—African halves are 6s. 6d. per lb., c.i.f., for shipment; Jamaican offered from 7s. 6d. spot.

LANOLIN.—In 1-ton lots the price of ANHYDROUS, B.P., is from 160s. to 165s. per cwt.; 5-cwt. lots from 162s. to 167s. per cwt. HYDROUS, B.P., is from 140s. to 142s. for similar quantities. All in drums, carriage paid, U.K.

LIQUORICE.—Quotations (per cwt.) are: Anatolian, 65s.; Russian, 47s. 6d. to 55s.; Persian, 35s. Chinese cleared on the spot. Block juice quotations are 220s. per cwt., on the spot. Italian stick from 310s. to 475s. per cwt., duty paid.

MACE.—West Indian pale blade is very scarce on the spot with a nominal value of 26s. per lb.

MALE FERN.—A parcel of Bulgarian is offered on the spot at 45s. per cwt., duty paid.

MENTHOL.—Chinese is 48s. per lb., in bond and 46s., c.i.f., November–December shipment.

MERCURY.—Nominal spot value is £91 per flask of 76-lb. ex warehouse.

MYRRH.—Aden selected sorts are short on the spot with £16 per cwt. now asked. Siftings are from £7.

NUTMEGS.—West Indian 80's on the spot are 4s. 11d. per lb.; unassorted, 4s. 4½d.; and broken, 3s. 2d.

PAPAIN.—Spot value for East African grade one is from 17s. to 17s. 6d. per lb. Ceylon brown is 14s. per lb., c.i.f.

PEPPER.—Quiet with prices slightly lower. White Sarawak on the spot is 2s. 9½d. per lb.; November shipment sold at 2s. 9d., c.i.f. Black Sarawak is 2s. 2d., spot, with November shipment offered at 1s. 9½d., c.i.f. Black Malabar is 350s. per cwt., spot; and November shipment, 265s., c.i.f.

PODOPHYLLUM.—*Emodi* is quoted at 150s. per cwt., ex wharf. *Peltatum* is dearer at 430s. on the spot.

RHUBARB.—Quotations are from 7s. 6d. to 9s. 6d. per lb. as to quality.

SARSAPARILLA.—Jamaican native red on the spot is 3s. 6d. per lb. and for shipment, 3s. 1½d., c.i.f.

SEEDS.—(Per cwt.). ANISE.—Cyprian, 270s.; Tunisian, 265s., duty paid both spot London. CARAWAY.—Dutch quiet with sellers at 160s., duty paid. CELERY.—Indian continues slow, 140s. quoted for spot. CORIANDER.—Firm. Spot: Moroccan 95s., duty paid, nominal; Rumanian

or Danubian offered at 75s., duty paid. Shipment: Moroccan quoted at 72s. 6d., c.i.f. CUMIN.—Steady with small business passing. Spot: 132s. 6d. paid for Cyprian, Moroccan old-crop 135s., duty paid and Iranian, 125s., duty paid. Shipment, Cyprian quoted at 118s., c.i.f. DILL.—Indian is quiet with 60s. to 62s. 6d., quoted on spot. FENNEL.—Slow of sale. Indian on spot is 87s. 6d., and Chinese, 85s., in bond. FENUGREEK.—Very firm owing to small supplies available on spot. Moroccan is 75s., duty paid and Indian, 72s. 6d. MUSTARD.—English 60s. to 80s. according to quality.

SENNA.—*Tinnevelly* LEAVES (per lb.). New wet-crop Prime No. 1, 1s. 1½d., and No. 2, 11d.; prime No. 3, 8d.; f.a.q., No. 3, 7½d., spot; PODS, f.a.q., 6d., c.i.f. *Alexandrian* manufacturing pods, 1s. 3d. to 1s. 6d., spot; hand-picked are from 6s. 6d. to 8s. per lb. as to quality.

TURMERIC.—Madras finger on the spot is unchanged at 160s. per cwt. Business reported in new crop for April–May 1956 shipment at 97s. 6d., c.i.f.

VANILLIN.—Rates (per lb.) are:—5-cwt. lots, 30s.; 1-cwt., 30s. 3d.; 56-lb., 30s. 6d.; smaller quantities, 30s. 9d.

WAXES.—BEES'.—Dar-es-Salaam, shipment, 585s., c.i.f., spot, 580s.; Sudanese, 565s., duty paid and 510s., c.i.f.; Abyssinian, spot, 570s., duty paid; shipment, 570s., c.i.f. CANDELILLA.—Landed terms are 415s. per cwt. CARNAUBA.—Fatty grey, spot, 435s. per cwt.; for shipment, 435s., c.i.f.; prime yellow, spot, 880s.; shipment, November–December, 795s., c.i.f.

WITCH HAZEL LEAVES.—Offers are now 1s. 11d. to 2s. per lb. on the spot.

### Essential and Expressed Oils

ALMOND.—B.P. is limited at 7s. to 8s. per lb., as to quantity.

AMBER.—Rectified on the spot quoted at from 1s. 6d. per lb.

ANGELICA SEED.—Price per lb. is now quoted at 225s.

ANISE.—Chinese is quoted at 17s. 9d. per lb. on the spot and 17s., c.i.f.

BOIS DE ROSE.—Brazilian is 34s. per lb. on the spot and 31s., c.i.f.

BAY.—West Indian is 12s. per lb. on the spot.

BERGAMOT.—Spot quotations are now 67s. 6d. per lb.

BIRCH TAR.—Rectified is about 14s. per lb. in 1-cwt. lots.

BUCHU.—Spot is offered at 360s. per lb.

CAJUPUT.—Spot supplies are 14s. 6d. per lb. for 1-cwt. lots.

CAMPHOR, WHITE.—Chinese is 2s. 6d. per lb., duty paid.

CANANGA.—Spot is from 55s. to 59s.

CARDAMOMS.—Price per lb. is from 360s. for English distilled and from 265s. to 295s. for imported.

CASTOR.—Firm. In minimum 2-ton lots the price of pharmaceutical quality for spot-January 1956 delivery is £136 per ton, naked ex mill.

CHENOPODIUM.—Original drums are quoted at 34s. per lb.

CINNAMON.—From quillings, English distilled is quoted at 30s. per oz. Other B.P. oils available down to 90s. per lb. Ceylon leaf, 14s. 6d. per lb., spot.

CITRONELLA.—Ceylon is firmer at 6s. 6d. per lb. on the spot and 6s., c.i.f.; Formosan spot is 14s., in bond, with forward at 13s. 4½d., c.i.f. Java type is not quoted.

CLOVE.—Madagascar leaf is 9s. 9d. per lb., duty paid and 8s. 6d., c.i.f., for shipment. Rectified 87–88 per cent., 14s.; distilled bud oil, English, from 35s.; imported, 17s. 6d.

GINGER.—English-distilled oil is 205s. per lb. Imported oils are now 170s. per lb., duty paid.

GRAPEFRUIT.—Australian cold pressed is 16s. per lb., spot; Californian, 17s., c.i.f., subject to licence.

LAVANDIN.—Spot is from 12s. to 15s. per lb. as to quality, for original drums.

LEMON.—B.P. (4 per cent. citral) on the spot is from 33s. to 42s. 6d. per lb. as to grade. Californian, 28s. 6d. to 43s. 7½d. c.i.f., as to quality, subject to licence.

LEMONGRASS.—Quiet. Spot is 14s. 6d. per lb., nominal. Shipment is dearer at 13s., c.i.f.

LIME.—Supplies of West Indian distilled are offered from 30s. to 35s. per lb. on the spot.

NUTMEG.—English-distilled oil is 50s. per lb. and imported 32s. 6d. on the spot.

ORANGE.—Spot quotations include: Florida at 4s. 6d. per lb.; Californian, 5s. 9d.; Jamaican, 7s. 6d. and West African, 12s. 6d. For shipment, proprietary brand Californian sweet is 6s., c.i.f., and cold-pressed, U.S.P., 9s. 3d., c.i.f., subject to licence. West African, 12s., c.i.f. Tenerife is 210s. per lb., spot.

OTTO OF ROSE.—Anatolian is 177s. 6d. per oz.

PEPPERMINT.—*Arvensis*: Chinese is 33s. 6d. per lb. on the spot and 33s. 6d. c.i.f. Brazilian, 31s., spot, and from 29s. down to 26s., c.i.f., according to shipment date. Italian "Mitcham" type oil is from 70s., spot, and American, 42s. 6d. to 47s. 6d.

PETITGRAIN.—Paraguay is quoted for shipment at from 23s. 6d. to 25s. 6d. per lb., c.i.f., and 25s. to 26s., spot, in cases.

PIMENTO.—English-distilled berry is 180s. per lb.; imported is scarce. Rectified (imported), 27s. 6d. per lb.

PINE.—*Pumilonis* on the spot is from 16s. per lb.; *sylvestris*, 9s. Siberian (*abietis*), 12s. 6d.

SAGE.—Spanish is offered at from 8s. 8s. per lb.

SANDALWOOD.—Mysore is very scarce at 105s. per lb. on the spot. West Indian is 15s. per lb.

SPEARMINT.—Offers of U.S. oil for shipment are about 35s. 6d. per lb., c.i.f., with spot at 39s. 6d. Dutch quoted at 38s. 6d., duty paid, with Chinese offered at 30s.

TANGERINE.—Sicilian is from 37s. to 45s. per lb. on the spot; Californian is 17s. 6d.

THYME.—Spot is 12s. 6d. per lb. for the red, 40 per cent. phenols.

VETIVERT.—Bourbon in original drums on the spot is 82s. 6d. per lb.

### UNITED STATES REPORT

**NEW YORK, NOVEMBER 22:** LITHIUM CHEMICALS were reduced in price, making the CARBONATE 82 cents per lb. (down three cents); the HYDROXIDE 80 cents (10 cents); the technical ANHYDROUS CHLORIDE \$1.00 (five cents); and the HYDRIDE \$12.00 (\$2). PROPANE was raised a half-cent to 8½ cents a gallon and anhydrous SODIUM ACETATE by one cent to 13 cents a lb. ATROPINE SULPHATE is now quoted at \$3.25 per oz. (down 15 cents) and a four-cent reduction brought ASPIRIN down to 56 cents a lb. Among CRUDE DRUGS, TOLU BALSM at \$3.80 per lb. was up five cents. MENTHOL continued to lose ground due to narrow consumer interest, with Brazilian now \$7.70 (down 20 cents), and Japanese \$8.50 (50 cents). ESSENTIAL OILS were generally quiet, with CITRUS OILS showing the greatest strength.

## TRADE MARKS

### APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," November 9  
 For pharmaceutical preparations and substances (not being infants' or invalids' foods) (5)  
 MENELEX, 743,829, by Lexington Pharmaceuticals, Ltd., London, E.12.

For deodorants and anti-perspirants for human use (5)  
 FRAM, 744,398, by A. & F. Pears, Ltd., Isleworth, Middlesex.

For herbs, herbal preparations and herbs for smoking (not containing tobacco) all for medicinal or curative purposes (5)  
 COOLGRADE, 745,288, by R. Brooks & Co., London, W.C.2.

For bactericides; and preparations for the prevention of poultry disease (5)  
 Device with the word BACT-AIRE, 745,739, by Cooper, McDougall & Robertson, Ltd., Berkhamsted, Herts.

For razors, safety razor blades, strops for razors and for safety razor blades and appliances (none being machines) for setting and sharpening razors (8)  
 BARBECON, 745,447, by Aktiebolaget Carl Sarehult, Eskilstuna, Sweden.

For lenses (9)  
 TELE-PANCHRO, 744,263, by Taylor, Taylor & Hobson, Ltd., Leicester.

For hearing aids for the deaf (10)  
 KOLSTERPHONE, B743,504, by Kolster-Brändes, Ltd., Sidcup, Kent.

For vibratory apparatus for massage, parts and fittings (10)  
 VIBRATRON, 743,683, by William James Graham-Palmer, London, N.W.1.

For electrically heated cauterisers for medical or veterinary purposes (10)  
 ORYX, 745,224, by Oryx Electrical Laboratories, Ltd., Brighton, Sussex.

For gloves and finger guards of rubber, imitation rubber and plastics for industrial use (17)  
 RUTSCHINI, 743,030, by Wilhelm Kachele, Weilheim/Teck, Germany.

For bottles and containers all made wholly or principally of nylon (21)  
 NYLO-PAKO, 739,494, by E. Shipton & Co., Ltd., Northwood Hills, Middlesex.

For gloves and finger guards of imitation rubber made of plastics (21)  
 NORVENE, 744,977, by Norvene, Ltd., Norwich.

For pharmaceutical preparations for use in rubbing (5)  
 SOLARUB, 742,496, by Vick Chemical Co., Wilmington, U.S.A.

For chemical products for photographic purposes (1)  
 AGFA COPYRAPID, 696,550, by Farbenfabriken Bayer, Leverkusen, Germany.

For infants' and invalids' foods for use in the treatment of galactosaemia (5)  
 GALACTOMIN, B741,581, by Trufood, Ltd., Wrenbury, Cheshire.

For all goods (5)  
 YUVRAL, 743,120, by American Cyanamid Co., New York, U.S.A. CIT-ROZE, B743,668 by O. R. Groves, Ltd., London, W.I. SEO MINAL, 744,129, by Winthrop Products, Ltd., Kingston-on-Thames, Surrey. SOMNAVIT, 745,373, by Cupal, Ltd., Blackburn, Lancs.

For medicinal preparations containing glucose (5)  
 Device with the word VITAZADE, 743,331, by Regent Aerated Products (Sunderland), Sunderland.

For pharmaceutical preparations and substances, all containing flavine and all being goods for export to Syria (5)  
 TANNAFLAVINE, B743,873, by The British Drug Houses, Ltd., London, N.1.

From the "Trade Marks Journal," November 16  
 For detergents for use in industrial or manufacturing processes (1)  
 HUMO, 739,946, by Hughes P3 Detergents, Ltd., London, N.18.

For fluorine and chemical compounds of fluorine for use in the manufacture of dentifrices (1)  
 FLUORISTAN, 743,685, by Thomas Hedley & Co., Ltd., Newcastle-on-Tyne.

For veterinary substances (5)  
 RUMOXANE, 745,469, by Willows Francis, Ltd., London, E.8.

For all goods (3)  
 LOFIL, 743,285, by Lautier Fils, Ltd., London, W.14.

For medicated ointments for use in the treatment of sunburn (5)  
 AEROTAN, 742,446, by La Publicité Scientifique, S.A., Geneva, Switzerland.

For chemical products used in agriculture, horticulture and forestry; and manures (1)  
 EKATIN, 746,025, by Sandoz, Ltd., Basle, Switzerland.

For all goods (5)  
 KOKUREN, 738,332, by Hokkaido Keizai Nogyo Kyodo Numiai Rengokai, Sapporo, Japan. VEROXIL, 743,871, by the Crookes Laboratories, Ltd., London, N.W.10.

## COMING EVENTS

Items for inclusion under this heading should be sent to the Editor not later than first post on Wednesday of the week of insertion

### Monday, November 28

HEREFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY, Green Dragon hotel, Hereford, at 7.45 p.m. Address by Mr. H. G. Moss (vice-president of the council of the P.A.T.A. and chairman of its retail section) on "The Story of Halibut Liver Oil."

MERSEYSIDE BRANCH, INSTITUTE OF PACKAGING, Exchange hotel, Liverpool, at 6.30 p.m. "Oils and Waxes in Packaging," presented by Shell-Mex and B.P., Ltd.

SQUARE ASSOCIATION, Grosvenor House, Park Lane, London, W.1, at 6.30 p.m. Annual dinner and dance.

WORCESTER BRANCH, PHARMACEUTICAL SOCIETY, Talbot hotel, Barbourne, Worcester, at 8 p.m. Films by Pharmaceutical Specialities (May & Baker), Ltd., on "Fine Chemicals for Medical Use" and "Some Aspects of Muscle Relaxants"; and talk on "Largactil."

### Tuesday, November 29

BIRKENHEAD AND WIRRAL BRANCH, NATIONAL PHARMACEUTICAL UNION, Prenton hotel, Birkenhead, at 8 p.m. Address by Mr. G. H. M. Graham (chairman, Central N.H.S. (Chemist Contractors) Committee).

BIRMINGHAM PHARMACEUTICAL ASSOCIATION, Imperial hotel, Birmingham, at 8 p.m. "Quiz" on pharmaceutical affairs. Panel: Dr. J. Priestman, B.Sc. (chairman), Messrs. L. H. Teare (a member of the Executive of the National Pharmaceutical Union), F. A. Gunn (territorial general manager, company chemists), P. Crees (hospital chief pharmacist) and H. Cormack (manufacturing pharmacist).

LONDON SECTION, ROYAL INSTITUTE OF CHEMISTRY, Sir John Cass College, Jewry Street, London, E.C.3, at 6 p.m. Dr. A. J. P. Martin, M.A., Ph.D., F.R.S., on "Gas-Liquid Chromatography."

SHEFFIELD BRANCH, PHARMACEUTICAL SOCIETY, Grand hotel, Sheffield, at 8 p.m. Mr. D. F. Banwell (public prosecutor's office) on "Criminal Law."

SOCIETY FOR ANALYTICAL CHEMISTS, Beveridge hall, University of London Senate House, London, W.C.1, at 7.30 p.m. Professor J. Heyrovsky, D.Sc., Ph.D. (Central Institute of Polarography, Prague) on "The Development of Polarographic Analysis."

TRALEE BRANCH, GUILD OF PHARMACY, Great Southern hotel, Killarney. Annual dinner and dance.

### Wednesday, November 30

ENFIELD CHEMISTS' ASSOCIATION, George Inn, Enfield, at 7.45 p.m. Anniversary dinner. Ticket, 15s., from Mr. J. Soulsby, 95 Old Park Avenue, Enfield.

FEDERATION OF SOUTH-EASTERN PHARMACISTS, Elizabethan Barn, Lonsdale Gardens, Tunbridge Wells, at 7 p.m. Annual dinner. Ticket, 15s. 6d., from Mrs. K. Collins, 76 High Street, Tonbridge.

LONDON SECTION, ROYAL INSTITUTE OF CHEMISTRY, South-west Essex Technical College, Forest Road, Walthamstow, London, E.17, at 7 p.m. Dr. R. N. Hazeldine, B.Sc., Ph.D., M.A., on "Fluorocarbons and their Future."

NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, 17 Bloomsbury Square, London, W.C.1, at 7 p.m. Informal evening. Talks by Miss Ina Mackie and Miss E. J. M. Feeney.

PHYSICAL METHODS GROUP, SOCIETY FOR ANALYTICAL CHEMISTRY, Burlington House, London, W.1, at 6.45 p.m. Annual meeting.

ROYAL SOCIETY OF ARTS, John Adam Street, London, W.C.2, at 2.30 p.m. Mr. L. C. Nickolls, M.Sc., A.R.C.S., D.I.C., F.R.I.C. (director, Metropolitan Police Laboratory) on "The Scientific Aspects of the Detection of Crime."

### Thursday, December 1

DURHAM COUNTY BRANCH, PHARMACEUTICAL SOCIETY, Waterloo hotel, Old Elvet, Durham City, at 7.45 p.m. Mr. J. C. Bloomfield (a member of the Society's Council) on "Current Topics."

MICROBIOLOGY GROUP AND MANCHESTER SECTION, SOCIETY OF CHEMICAL INDUSTRY, and MANCHESTER SECTIONS, ROYAL INSTITUTE OF CHEMISTRY AND CHEMICAL SOCIETY, chemistry lecture theatre, Manchester University, at 6.30 p.m. Dr. J. H. Birkinshaw on "Recent Developments in Fungal Biochemistry."

ROYAL PHOTOGRAPHIC SOCIETY, 16 Princes Gate, London, S.W.7, at 7 p.m. "Streamline Flow in Veins," by Dr. D. A. Macdonald (St. Bartholomew's Hospital) and Mr. Douglas Fisher, F.R.P.S. (Wellcome Film Unit).

SCHOOL OF PHARMACY (UNIVERSITY OF LONDON) HISTORICAL AND LITERARY SOCIETY, lecture theatre, 17 Bloomsbury Square, London, W.C.1, at 5.30 p.m. Mr. J. Summerson, C.B.E., B.A., F.B.A. (curator of the Sir John Soane's museum) on "Architecture on the Doorstep."

THAMES VALLEY PHARMACISTS' ASSOCIATION, Kingston hotel, Kingston, at 7.45 p.m. Dr. Francis Camps (Home Office pathologist) on "Medico-legal Aspects of Poisons."

### Friday, December 2

EDINBURGH AND SOUTH-EASTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, 36 York Place, Edinburgh, at 7.45 p.m. Short talks by members of the Branch. Mr. W. Hennigan on "A Seventeenth-century Patent Medicine"; Mr. Eric Knott on "Notes and Queries"; Mr. J. Lidell on "A Tablet Machine"; and Mr. C. G. Drummond on "The Historical Aspect of Pharmacy."

EXETER BRANCH, PHARMACEUTICAL SOCIETY, Assembly Rooms, South Street, Exeter, at 7.30 p.m. Film show arranged by Pfizer, Ltd.

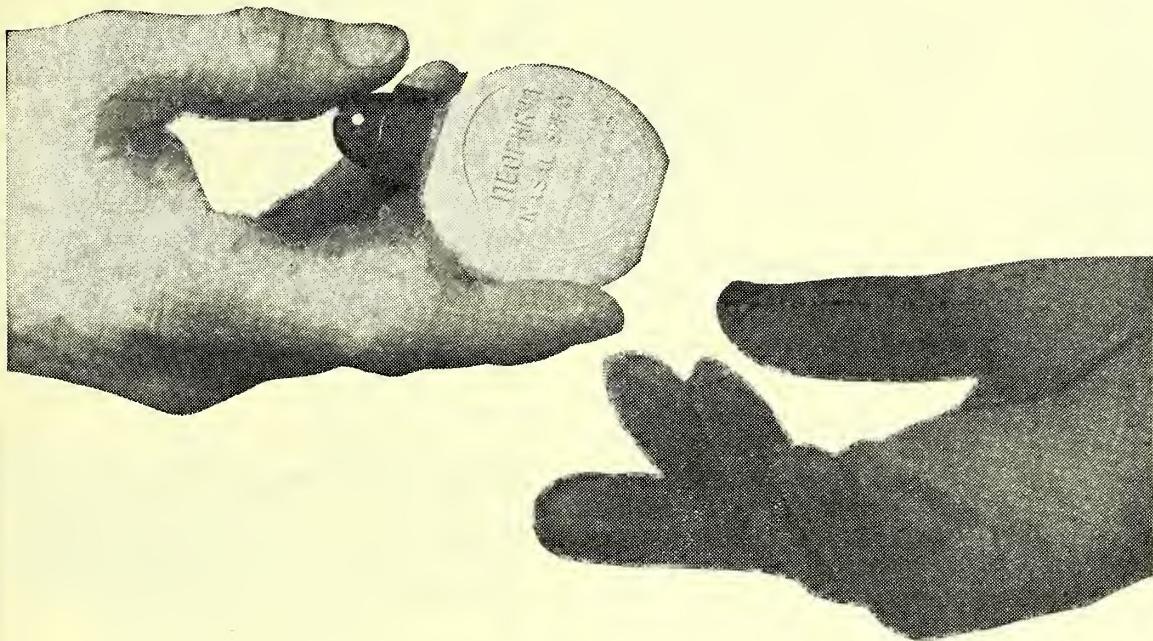
MERSEYSIDE BRANCH, NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, Y.W.C.A. lounge, 18 Slater Street, Liverpool, at 7.15 p.m. Ovaltine film show.

SOUTH-WEST LONDON CHEMISTS' ASSOCIATION, Lambeth Town Hall, London, S.W.2, at 7.45 p.m. Lecture-demonstration "Colour Harmony in Make-up."

WATFORD AND ST ALBANS BRANCH, PHARMACEUTICAL SOCIETY, and WATFORD BRANCH, BRITISH MEDICAL ASSOCIATION, Shredells Hospital, Watford, at 8.45 p.m. Miss E. J. Stokes (clinic of bacteriology, University College Hospital) on "Antibiotics."



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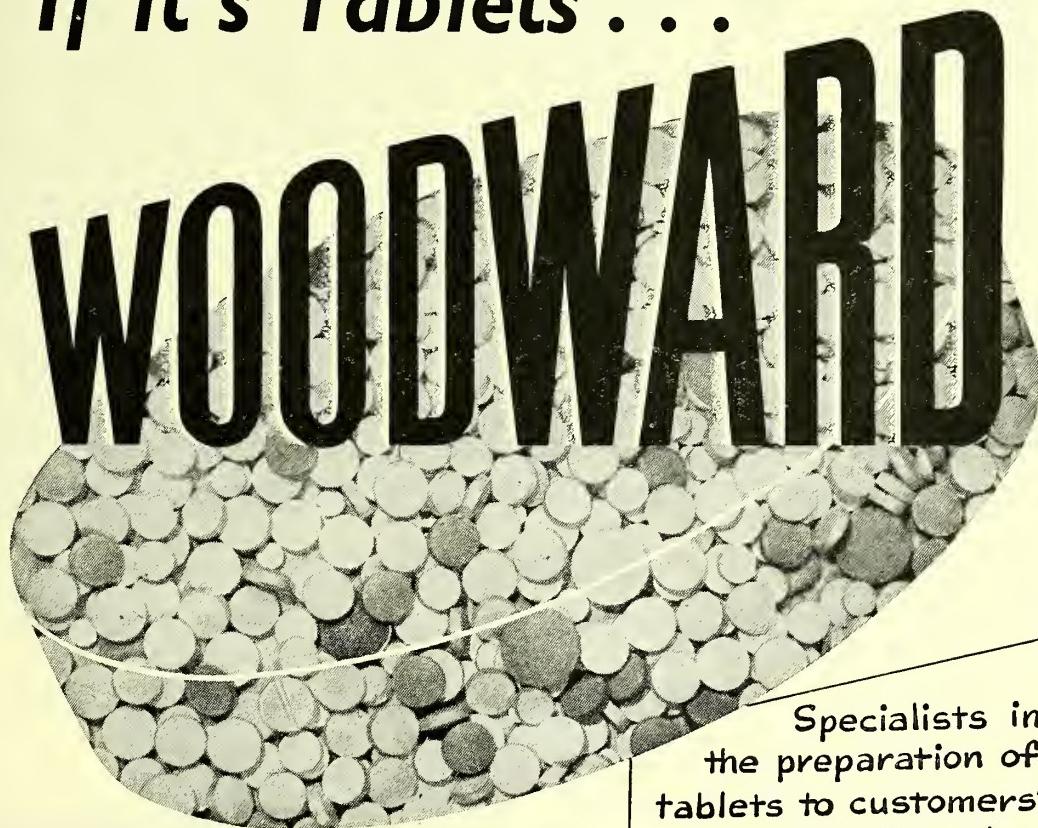
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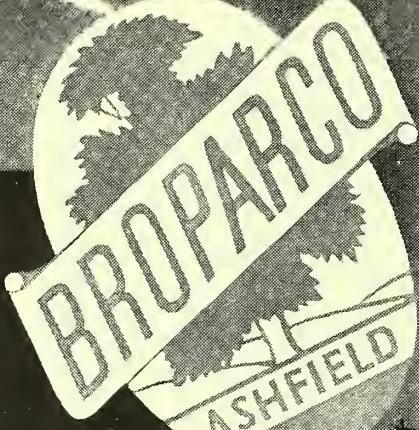
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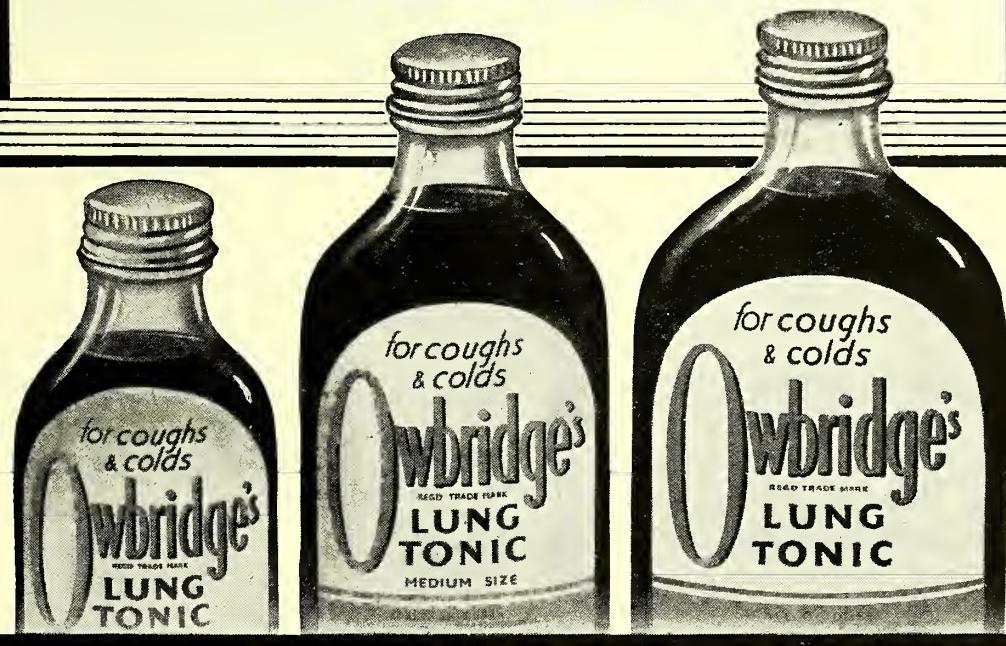
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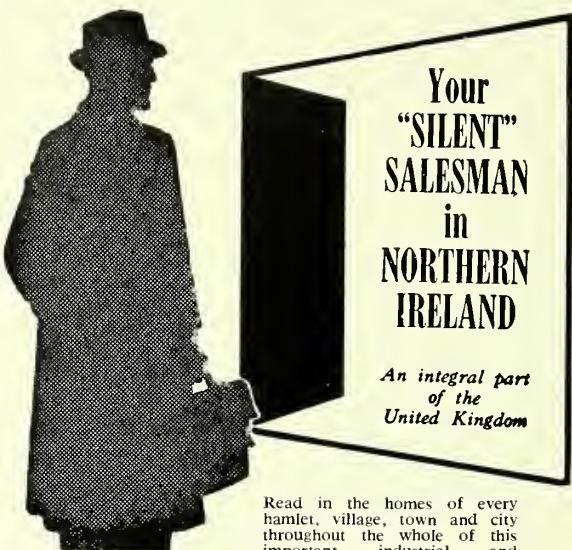
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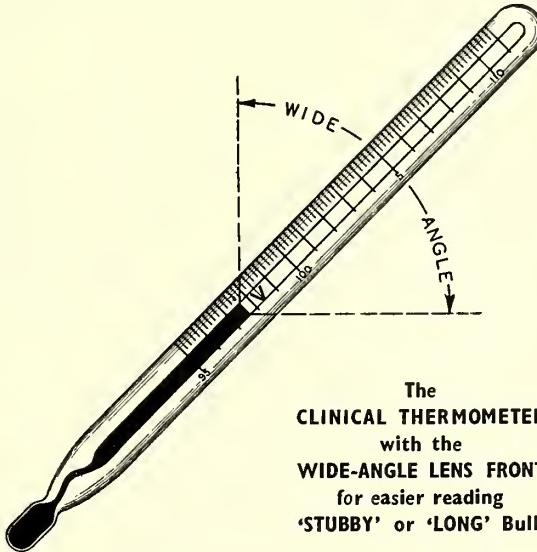
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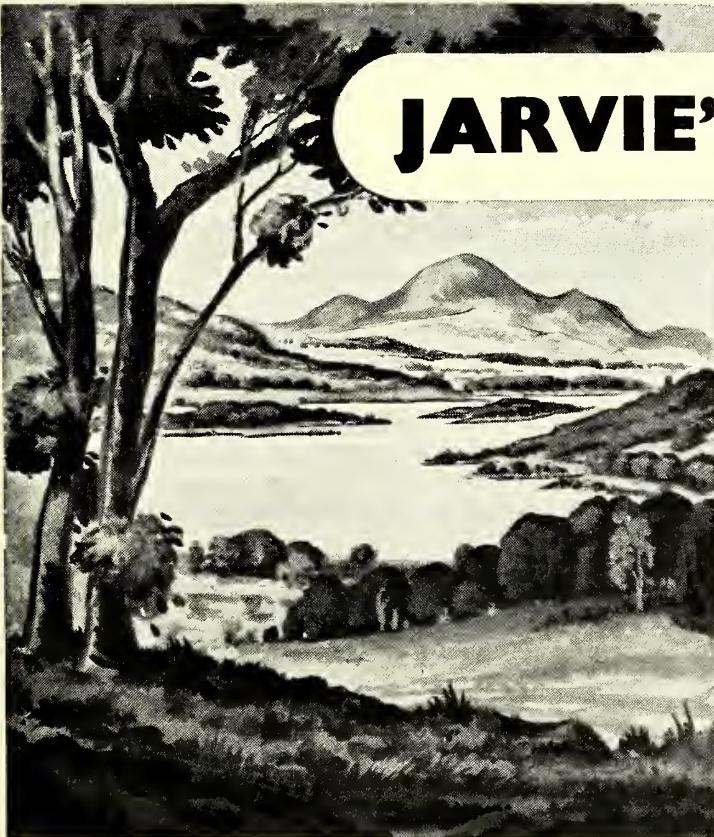
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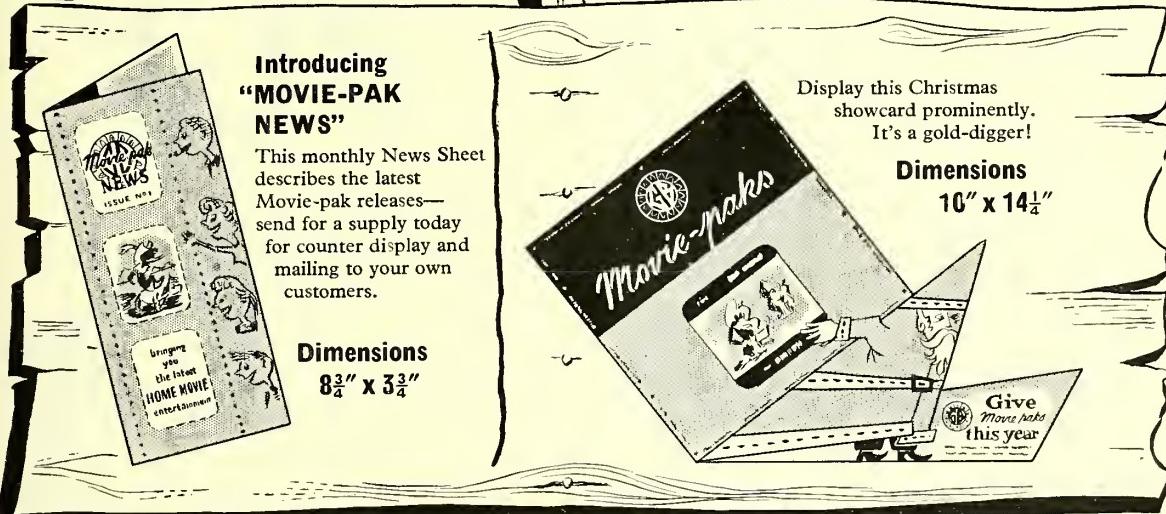
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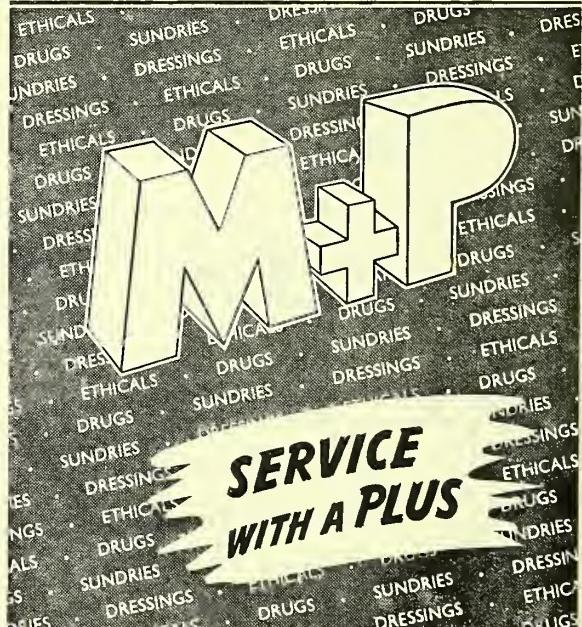
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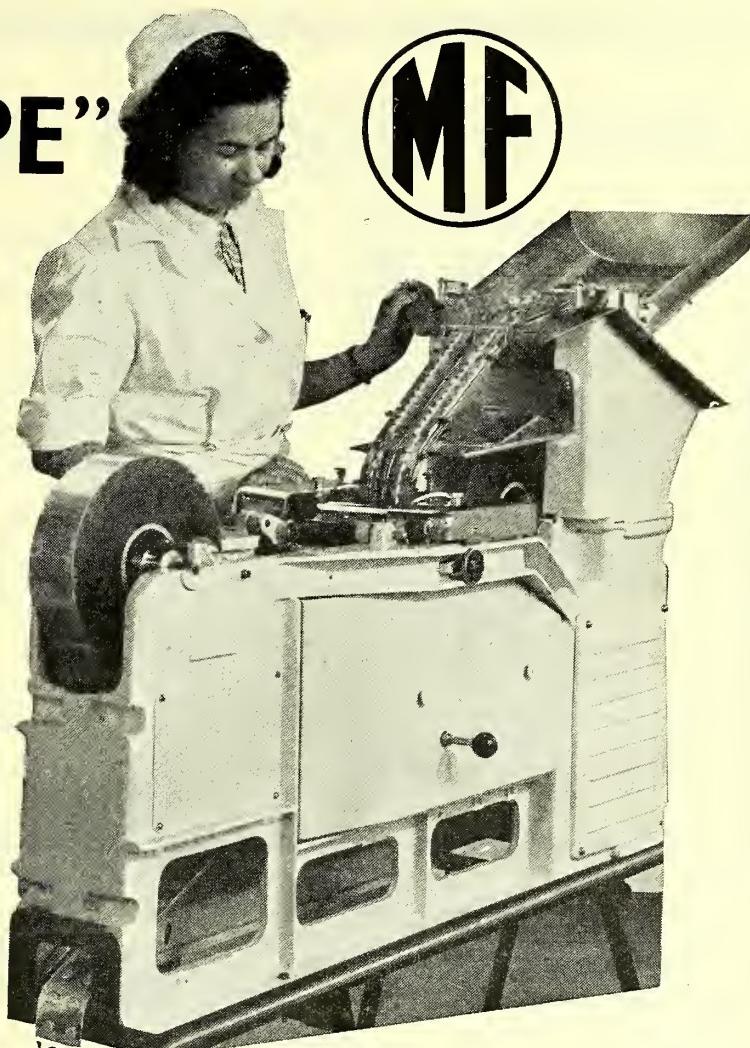


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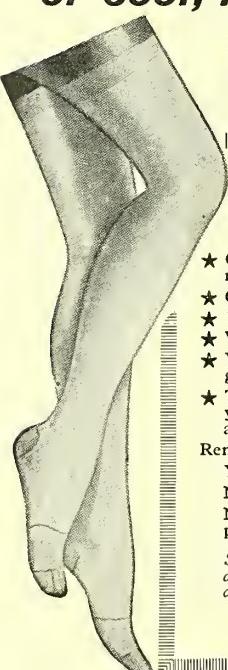
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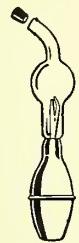
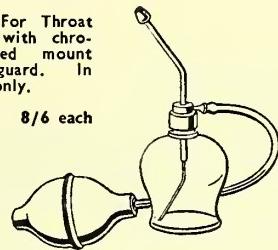
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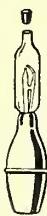
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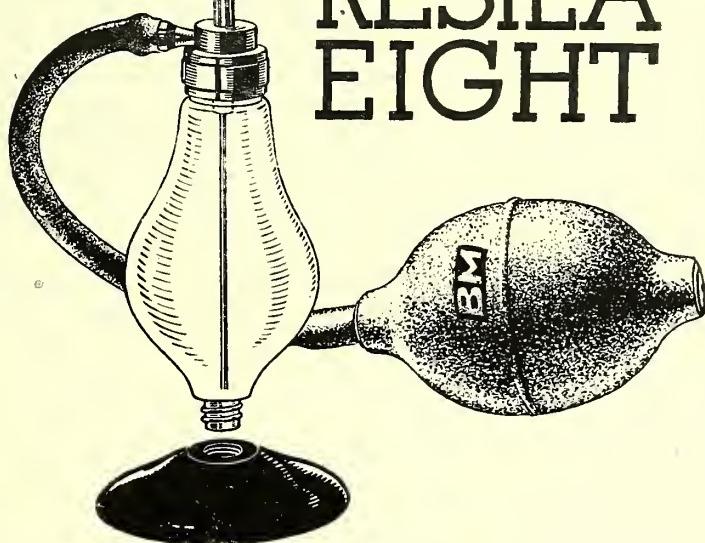
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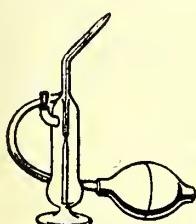
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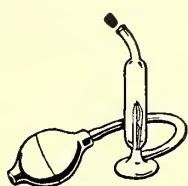
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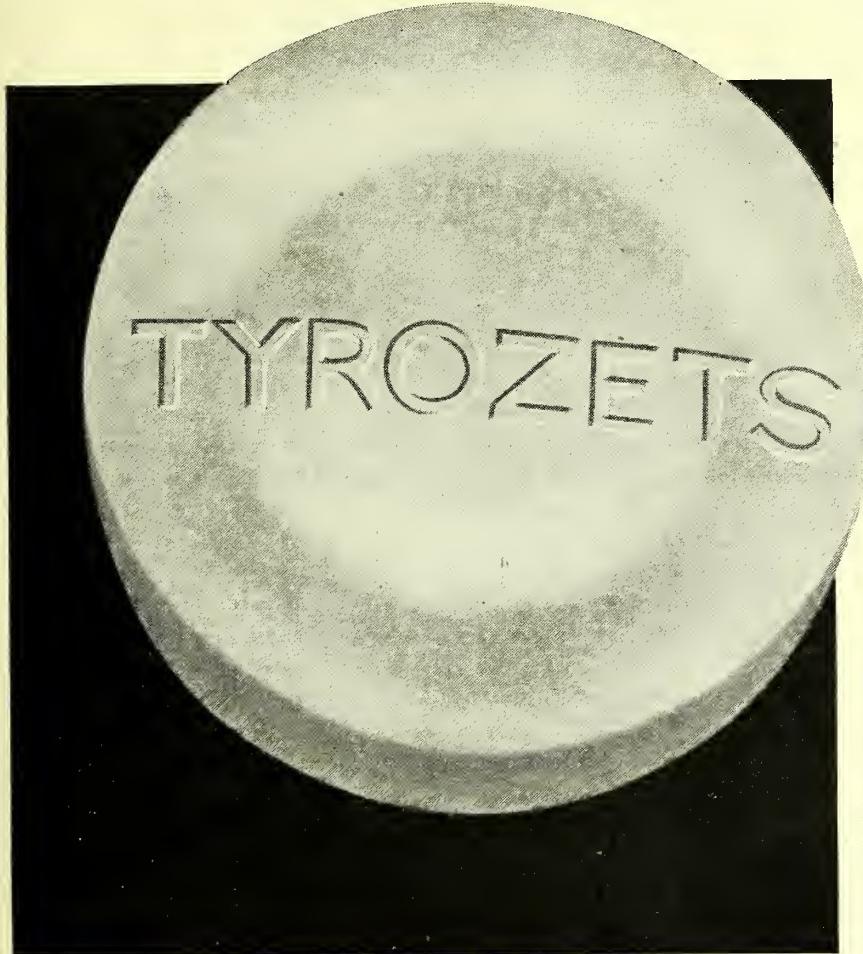
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OFFER.**

*Limited Period*

Parcels of 72 tubes 'TYROZETS' invoiced as 66 (f.5.10.0 net) i.e., 6 TUBES FREE. Any number of parcels may be ordered.

\*Tyrozets' may be sold by Retail Chemists without a prescription.

# 'Tyrozets'

TYROTHRICIN-BENZOCAINE THROAT LOZENGES

These pleasant, slow-dissolving lozenges soothe the irritated mucosa through their harmless analgesic content, and exert a continuous germicidal effect against the gram-positive bacteria commonly found in the larynx and the oral cavity. 'TYROZETS' rapidly relieve pain and discomfort.

Supplied in counter boxes of 12 tubes. List price 2/6 per tube (exempt PT)

MERCK-SHARP & DOHME LTD., HODDESDON, HERTS.

\*Tyrozets' is a Registered Trade Mark.



# PRICE CHANGES

*An Announcement by*

**William R. Warner & Co. Ltd.**

The recent increase in Purchase Tax has compelled us to raise consumer prices, effective from the 27th October, 1955. Since there will be no change in list price, all products free of Purchase Tax will bear the same consumer prices as before.

PRODUCT		CONSUMER PRICE						PURCHASE TAX PER DOZEN (To nearest penny)
		INC. P.T. EACH						
Agarol	6-oz.	...	...	...	3/9	...	...	8/1
"	14-oz.	...	...	...	7/5	...	...	16/2
Alka-Zane	4-oz.	...	...	...	4/11	...	...	10/10
Anusol	12's	...	...	...	4/8	...	...	10/2
"	Ointment	...	...	...	4/5	...	...	9/9
Cal-Bis-Nate	1½-oz.	...	...	...	2/11	...	...	6/5
" "	4-oz.	...	...	...	4/5	...	...	9/8
Gelusil	20's	...	...	...	2/4	...	...	4/11
"	50's	...	...	...	4/8	...	...	10/1
"	Suspension 6-oz.	...	...	...	4/11	...	...	10/10
Peritrate c.	50's	...	...	...	4/-	...	...	9/4
Phenobarb.	500's	...	...	—	—	...	...	2/8 each
Veganin	10's	...	...	...	2/-	...	...	4/3
"	20's	...	...	...	3/2	...	...	7/-
Veracolate	50's	...	...	...	3/11	...	...	8/7
"	100's	...	...	...	6/7	...	...	14/7

WILLIAM R. WARNER & CO. LTD., POWER ROAD, LONDON, W.4.

*The*  
**CHEMIST AND DRUGGIST**  
 CLASSIFIED ADVERTISEMENTS

Supplement

28 ESSEX STREET, STRAND, LONDON, W.C.2

**ORRIDGE & COMPANY**

**CHEMIST BUSINESS TRANSFER AGENTS AND VALUERS WHOLESALE AND RETAIL**  
**BRANCHES: BIRMINGHAM · SOUTHAMPTON · LIVERPOOL · SHEFFIELD · CARDIFF**  
 Irish Representative : Mr. J. A. Bassett, Ph.C., 57 Great Victoria Street, Belfast, Northern Ireland. Tel: Belfast 27078

**PREMISES TO LET**17/6 for 36 words (min.) then 4d. per word  
Box 2/-

**NEW SHOPS**, with living accommodation, available on new estates at Hornchurch and Gidea Park, Essex. Rents £400 per annum; also lock-up shops near Romford station, rents from £750 per annum.—Further details from Chaplin & Co., F.A.I., 135 South Street (opposite station), Romford, Phone: Romford 163 and 4. C 3138

**PREMISES WANTED**17/6 for 36 words (min.) then 4d. per word  
Box 2/-

**COSMETIC MANUFACTURERS** vacating their premises through compulsory requisition seek factory accommodation of 3,000/5,000 sq. feet in or within easy access of London. Fullest details to Box C 3142.

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Box 2/-

**HERBAL DRUG STORES**, lease 10 years, Stock and fixtures. Small living accommodation furnished. Profit £25 week. Trial given. Immediate possession, £2,500. Horsemail, 36 Cameron Road, Seven Kings, Ilford, Essex, Phone: Seven Kings 2987. C 3095

**MANUFACTURING CHEMISTS'** business for disposal in West Riding industrial area, including modern two-storey freehold property comprising manufacturing, warehouse and office space. Boiler and other plant, motor vehicles, raw materials and made up stocks. Eminently suitable as branch or depot of large or multiple manufacturing concern. Box C 3124.

**APPOINTMENTS**18/- per half inch (min.) and pro rata.  
Box 2/-**CENTRAL MIDDLESEX HOSPITAL, PARK ROYAL, N.W.10**

Locum Pharmacist  
(salary 14 to 15 guineas) or Locum Assistant in Dispensing (salary 7 guineas) required immediately. Apply with references to Chief Pharmacist, C 9443

**FULHAM AND KENSINGTON HOSPITAL MANAGEMENT COMMITTEE****ST. MARY ABBOTS HOSPITAL, MARLOES ROAD, KENSINGTON, W.8**

Pharmacist

required for sterile syringe service and preparing sterile solutions for the Group. Previous experience in this type of work an advantage. Duties to commence January 1956. National salary scales and conditions. Applications stating age, qualifications, experience, quoting the names of two referees to Hospital Secretary (183 C.D.), immediately. C 9451

**184 STRAND, W.C.2**

Tel.: TEMple Bar 9212/3 &amp; 6340

November 26, 1955

**'UNISEC'** from the Single  
Unit to the Complete Pharmacy  
WRITE FOR YOUR COPY OF THE STANDARD  
REFERENCE OF PHARMACY FITTING

**MYERS** of **OLD ST.**  
133/5 & 141/7 OLD STREET, LONDON, E.C.1

**Appointments—Continued****WEST LONDON HOSPITAL,  
HAMMERSMITH ROAD, W.6****Pharmacist**

required. Salary scale £500—£725 per annum plus London Weighting. Additional £25 if holding higher qualification. Service in retail pharmacy, etc., taken into account in deciding commencing salary. Detailed applications to Secretary. C 9416

**WEST PARK HOSPITAL,  
EPSOM, SURREY****Assistant Pharmacist**

required. Part-time appointment for 26 hours weekly, either permanent or temporary. Salary and conditions of service in accordance with N.H.S. regulations and Whiteley Council agreements.

Applications with full particulars and names of two referees to the Physician Superintendent as soon as possible. C 9438

**WILTSHIRE COUNTY COUNCIL****Deputy Chief Pharmacist**

Applications invited from pharmacists for superannuable appointment of Deputy Chief Pharmacist at SWINDON HEALTH CENTRE. Salary £625 to £850. Thirty-nine-hour week. Applications, stating age, qualifications, experience and names and addresses of three referees to be sent to the undersigned as soon as possible.

P. A. SELBORNE STRINGER,  
Clerk of the County Council.

County Hall,  
Trowbridge, C 9404

**SITUATIONS VACANT**  
12/- for 36 words (min.) then 4d. per word  
Box 2/-

The engagement of persons answering these advertisements must be made through a Local Office of the Ministry of Labour or a Scheduled Employment Agency if the applicant is a man aged 18-64 inclusive or a woman aged 18-59 inclusive unless he or she, or the employment, is excepted from the provisions of the Notification of Vacancies Order, 1952.

**RETAIL (HOME)**

**ANNFIELD PLAIN** Co-operative Society, Ltd. Wanted: Pharmacist (male or female) to manage branch shop at Langley Park, N.U.C.O. scale of wages. Present scale £16 7s. weekly. (Saturday half-day.) Rented house available. Applications stating age and experience to be sent to the General Manager, Annfield Plain Co-operative Society, Ltd., P.O. Box No. 2, Fron Street, Annfield Plain, Stanley, County Durham. C 3093

**BOOTS THE CHEMISTS** have vacancies in a number of districts for pharmacists—male or female—salary according to age and experience. Engagements on a permanent basis, good prospects, generous holidays, eligibility for pension and life assurance, etc. Applications should be made to Retail Staff Department, Station Street, Nottingham, or alternatively through the nearest branch to the local Territorial General Manager stating age, experience and district preferred. C 9425

C. A. **STOKES (CHEMISTS), LTD.**, have a vacancy for an assistant pharmacist at their main branch. Engagement on a permanent basis, good prospects, generous holidays. Apply to the Supervisor, 437 Stapleton Road, Bristol, 5. C 232

**DISPENSER RECEPTIONIST** required, firm of doctors, Midlands. Please state age, experience and salary required. Box C 3121.

**DISPENSING ASSISTANT** for N.H.S., near Manchester. Salary £14 14s. per week. Box C 3134.

**DONCASTER CO-OPERATIVE CHEMISTS, LTD.**, require the services of Pharmacists (male or female) as branch managers, 44-hour week; minimum annual salary £840; bonus, increments for sales increases. Rota duties are additional payments. Applications with usual particulars to the Superintendent Chemist, Doncaster Co-operative Chemists, Ltd., P.O. Box 20, Doncaster. C 199

**ERNEST J. GEORGE & CO.**, have vacancies on their permanent stocktaking staff covering the London and Southern Counties and the Midlands; previous experience not essential; please apply in the first instance to 329 High Holborn, London, W.C.1, stating brief details of career to date and salary required, etc. C 9457

**MANAGER** required for pharmacy within twenty miles of London. Excellent prospects for suitable man. Apply stating age, experience and salary required to Box C 3110.

**NORTH LONDON.** Unqualified assistant required mainly for dispensing. Permanent and progressive position. Salary according to age and experience. Hours 9 a.m.—6 p.m. Three weeks holiday a year. Apply with details of previous experience to Messrs. A. R. Cross, Ltd., 4 The Broadway, Mill Hill, N.W.7, or telephone Mr. Sorkin, Telephone No. Mill Hill 1455. C 9420

**PALMERS GREEN.** Lady dispenser (Hall certificate) required for busy pharmacy. Apply John Harley, Ltd., 16 Alderman's Hill, London, N.13. C 3105

**PHARMACIST.** Branch manager/pharmacist required for Pharmacy Section on new housing estate. Permanent position, superannuation fund, etc. Applications in writing stating age, experience, and salary required to the Personnel Manager, Co-operative, 110 Fratton Road, Portsmouth. Endorse envelopes "Pharmacist." C 3147

**PHARMACIST WANTED**, man or woman, able to manage a staff of six in an attractive market town in Cambs. Brisk dispensing and good-class counter trade. Good house with large garden goes rent and general rate free to successful applicant. Incentives offered. Apply Box C 3137.

**SUPERINTENDENT PHARMACIST  
Permanent Position**

**N.U.C.O.** Scale of Wages and Conditions  
Annual Sales : £28,000

Applications to be made by letter giving the following particulars :—

Full name, address, age, experience and present place of employment.

Letters to be addressed to the Secretary, West Stanley Co-operative Society, Ltd. C 228

**RETAIL (OVERSEAS)**

**KENYA :** Pharmacist, preferably single, required for Nairobi, mainly dispensing and counter duties. Knowledge of photography and D. and P. an advantage. Commencing remuneration £1,100 p.a. Four-year agreement. Passages paid. Apply in writing with particulars of age, training, experience, etc., to Davis & Soper, Ltd., 52-54 St. Mary Axe, London, E.C.3. C 9434

**WANTED :** Qualified assistant for Blantyre, Nyasaland. Salary £960 rising by £60 per annum to £1,200; housing allowance £150 per annum; passage paid; hours of attendance: Mondays to Fridays, 7.30 a.m. to noon, 1.30 p.m. to 4 p.m. Saturdays, 7.30 a.m. to noon. Position permanent; four-years agreement will be required. Applications (letter only) to Keep Bros., Ltd., 35/6 Gt. Charles Street, Birmingham, 3. C 9442

**WHOLESALE**

**ALLIED LABORATORIES, LTD.** Medical representative required for territory comprising South Yorkshire. A good knowledge of pharmacy is essential and applicant should live on and know the territory well. Experience desirable but not essential as the territory is well established and personal training given. Remuneration by salary, expenses and commission and a pension scheme operates for permanent employees. Applications in strict confidence with full details to Sales Manager, Allied Laboratories, Ltd., 140 Park Lane, W.1. C 9414

**AN OLD-ESTABLISHED LONDON FIRM** require the services of a part-time representative to carry non-competitive lines for distribution to retail pharmacists and grocery trade. Only those with established connections should apply. Remuneration on salary, commission and expenses basis. Box C 9430.

**CAMILATONE, LTD.**, makers of famous hair beauty products, require two part-time representatives on commission basis for (a) South London, Surrey, Kent, Sussex; and (b) Berkshire, Buckinghamshire, Oxfordshire, Bedfordshire, Hertfordshire, Northamptonshire and Eastern Counties, to take over all existing connections. Applications invited from successfully established representatives carrying one or two other chemist lines. Write to Sales Manager, Camilatone, Ltd., Edgware Road, London, N.W.9. C 3128

**CHEMIST**, age about 35, with Ph.D. (or F.R.I.C., etc.) qualification required by an important and established company to take over the responsibilities of the administration of a pharmaceutical laboratory. The work of the department embraces tabletting, solutions, ampouling, etc. Only candidates with considerable experience in industry need apply. Pension fund. Send full particulars to Box C 9433.

**CHEMIST REQUIRED** to take full control of analytical laboratory. Apply Gale, Baiss & Co., Ltd., 274/6 Ilford Road, London, S.E.15. C 9453

**COSMETIC MANUFACTURERS** require first-class representative for their North London territory, only applicants with good connections amongst ladies' hairdressers and departmental stores considered. Good remuneration by salary, commission and expenses. Apply with fullest details to Box C 3148.

**JOHN BELL, HILLS & LUCAS, LTD.**, require a young pharmacist. The post offers good prospects in the company and is vacant now. Please write stating age and qualifications to the Secretary, John Bell, Hills & Lucas, Ltd., Oxford Works, Worsley Bridge Road, Lower Sydenham, S.E.26. C 9440

**JOHN BELL, HILLS & LUCAS, LTD.**, have a vacancy for a young experienced sales representative to work valuable and well-established territory in the London area. Applications should be addressed to the Managing Director, Oxford Works, Worsley Bridge Road, Lower Sydenham, S.E.26. C 9441

**MAKERS OF WELL-KNOWN PRODUCT** with exceptional non-seasonable selling potential require part-time representation on high commission basis. Several areas available including London. Many existing accounts passed over. Applications invited from successful salesmen with established connections, carrying one or two other lines. Additional fine products available if required. Fullest confidential details in first instance, Box C 3145.

**NORTHUMBERLAND**, Cumberland, Durham and Westmorland. Representative required by manufacturer distributing through the retail chemists, department stores, co-ops, and a wide variety of wholesale outlets. Position calls for a person with a sound connection, who owns a car and is not afraid of hard work. A substantial number of accounts exist which would be handed over. Remuneration by salary, commission and expenses. Write fully. Box C 3140.

**BERDOE & FISH****Chemists' Transfer Agents and Valuers****41 ARGYLE SQUARE, KING'S CROSS, W.C.1  
(opposite St. Pancras and King's Cross Stations)**

**Wanted immediately good class businesses in London, Home Counties and South Coast. Private clients waiting with cash up to £10,000.**

**● All Valuations and Stocktakeings, carried out under personal supervision of principals.**

**Established 1870****Phone : TERminus 3574****Situations Vacant—Continued**

**MEDICAL REPRESENTATIVES.** Due to business expansion Sandoz Products, Ltd., invite applications from young men for the appointment of medical representative in the following areas:—(a) Sheffield area, including part of West Riding of Yorkshire; (b) Cambridgeshire, Huntingdonshire, Norfolk and Suffolk; (c) South Wales, including South Welsh counties and Monmouthshire; (d) Oxfordshire, Berkshire, Buckinghamshire, Northamptonshire and Wiltsshire; (e) Glasgow, North of the River Clyde, and North-west Scotland. Attractive salary, superannuation scheme in operation. Thorough training given. Age not exceeding 32. Applicants should be pharmacists (preferably F.P.S.). Please send full details of age, education, qualifications and experience, with photograph (which will be returned) to Staff Manager, Sandoz Products, Ltd., 134 Wigmore Street, London, W.I. C 9252

**PARKE, DAVIS & COMPANY, LIMITED,  
ADVERTISING & SALES PROMOTION**

Parke, Davis & Co., Ltd., invite applications from young pharmacists for a position in their Advertising Department. The post offers opportunity for participating in all aspects of advertising and sales promotion, in particular the compilation of ethical medical advertising literature from technical information provided. Generous pension plan, 5-day week, staff restaurant. Write in the first instance to:—

Personnel Manager,  
Parke, Davis & Company, Limited,  
Staines Road, Hounslow, Middlesex.  
C 9447

**PILL MAKER AND COATER REQUIRED** by old-established firm of pharmaceutical manufacturers in the City. Phone Clerkenwell 3370. C 9450

**PHARMACIST REQUIRED** to supervise manufacturing laboratory. Pension scheme. Write stating age and experience to Brook, Parker & Co., Ltd., Ashfield, Horton Road, Bradford, 7. C 230

**REPRESENTATIVES**

Commencing just prior to Easter 1956 an internationally known house of manufacturing chemists will require the services of representatives on a salary-expenses-commission basis to market a limited range of toilet preparations in the following areas: Scotland; North-west England; North-east England; Midlands; South Wales and West of England; Home Counties; South of England. Although backed by national advertising and sales aids, the advertisers have no hesitation in saying that to begin with the going will be tough. Applicants must be car owners. Those interested write in confidence to Box C 9452 giving details of previous experience, etc.

**STORE MANAGER REQUIRED** by perfumery and pharmaceutical manufacturers in North-west London. Must be competent to maintain stock records of multiple lines, and supervise packing and dispatch. Full details to Box C 9435.

**DUNCAN, FLOCKHART & CO., LTD.****Medical Representation**

Applications are invited for the post of Medical Representative in the Birmingham area. Applicants should be men aged 30-40 with pharmaceutical qualifications and preferably with some years' experience of representational work in the medical, dental or veterinary fields.

Salary will be commensurate with experience. A car and legitimate expenses will be provided. Lunch allowances, superannuation and three weeks' vacation in operation. The Company is enlarging its representational force following the reorganisation as an ethical house, and prospects are excellent for a first class man. Apply in writing to the Manager, Duncan, Flockhart & Co., Ltd., 104 Holyrood Road, Edinburgh, 8. C 9431

**RETAIL (HOME)**

**ACCOUNTANT**, tax expert, undertakes preparation of final accounts for taxation. Wordsworth 1427. C 3024

**NORTHERN IRELAND.** Young pharmacist, experienced manager, accustomed to busy dispensing and retail, requires temporary position for few months starting January, or as locum. Well recommended. Box C 3143.

**WHOLESALE**

**EXPERIENCED** London-trained medical representative (Ph.C.), at present employed in Eire, seeks appointment in Britain as medical representative or in retail or wholesale. Box C 3136. **REPRESENTATIVE**, 25 years' connection over South Wales, Somerset, and Gloucestershire, available to house of repute, or would consider good agencies. Good retail experience prior to representation. Resident near Bristol. Box C 3069.

**AGENCIES WANTED**

17/6 for 36 words (min.) then 4d. per word  
Box 2/-

**A REPUTABLE** old-established pharmaceutical house and manufacturers of a comprehensive range of ethical medical products seek a sole agency, or to act as sole concessionaires, manufacturing and/or distribution, for one or two original medical or pharmaceutical products of proved worth, for both overseas and home markets. Advertisers are actively represented in most parts of the world and have an efficient manufacturing, packing and sales organisation in London, with laboratories staffed by 100. Correspondence invited from interested manufacturers of repute, in strict confidence. Box C 9454.

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**AVAILABLE £1,000,000**

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REGINALD TERRELL,  
BUSINESS BROKERS, Limited,  
46 St. James's Place, London, S.W.1  
(Hyd. 1678)  
C 9328

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**MANUFACTURERS** of pharmaceutical tablets wish to appoint a commission agent for the Midlands. Small existing connection. The position should suit someone who is already calling on retail pharmacists and wishes to carry an additional line. Apply Box C 9401.

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**MANUFACTURERS** with no export department or facilities wishing to sell their specialties in overseas markets are invited to contact us. Fifty years' connections and an experienced staff are at your disposal. Only first-class products from principals. Box C 9400.

**OPPORTUNITY** for live concern with capital and national sales coverage to acquire and exploit a product with proved exceptional potentialities. The product is superbly presented and non-competitive, non-seasonable and untaxed. Principals only. Box C 3144.

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**TABLETS**

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**HERBAL SUPPLIERS.** Health foods, diets, vegetarian foods, packed goods, spices and sundries. Please forward price lists, show material to: The Herbal Dispensary, 48 Higher Bridge Street, Bolton. C 3133

**MEDICAL BOTTLES**, tablet bottles, closures and all types of packaging materials purchased, no quantity too large. Samples and full details to Noel Davold & Co., 9 Laurence Pountney Lane, Cannon Street, E.C.4, Mansion House 3951-2. C 178

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**WE WILL PURCHASE** for cash a complete stock, a redundant line, including finished or partly finished goods, packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone: Lawrence Edwards & Co., Ltd., 6/7 Wellington Close, Ledbury Road, London, W.11. Tel.: Baywater 4020, 7692. C 140

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1,500 GROSS of glass phials for sale, no reasonable offer refused, size  $3\frac{1}{4}$  in. long  $\frac{1}{2}$  in. wide. Phone: Canonbury 6984. C 3088

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The Management Committee invites Tenders from Manufacturing Chemists to supply certain Drugs for 12 months from January 1, 1956, to December 31, 1956, to Hospitals under the control of the Committee. Forms of tender giving full details of delivery points, items and amounts required may be obtained from the Supplies Officer at the undermentioned address. Tenders, sealed and endorsed "Tender for Drugs," but bearing no name or mark indicating the sender, must reach the under-signed not later than December 15, 1955. The Committee do not bind themselves to accept the lowest or any tender. H. Lamb, Group Secretary, Windsor Group Hospital Management Committee, Kipling Memorial Building, Alma Road, Windsor, Berks. C 9437

**TRADE MARKS**

**THE TRADE MARK** No. 645853 consisting of the word "ASTRABLOOM" and registered in respect of toilet preparations (not medicated) and cosmetic preparations was assigned on September 1, 1955, by George John Rossiter of 100 Rossiter Road, Balham, London, S.W.12, to Astrabloom, Ltd., of 513 Brixton Road, London, S.W.9, without the goodwill of the business in which it was then in use. C 3135

**THE TRADE MARK** No. 621424 consisting of the word "VENISILLA" and registered in respect of sanitary towels was assigned on November 4, 1955, by James MacDonald, of Dawson Street, Greengate, Salford, 3, to MacDonald & Taylor, Limited, of Hope Mills, Pollard Street, Manchester, 4, without the goodwill of the business in which it was then in use. C 9448

**MISCELLANEOUS**

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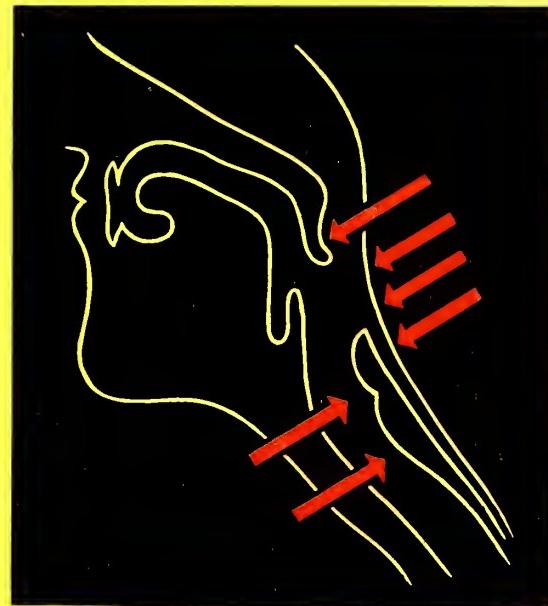
"**THE Art of Dispensing**" is the most economical, complete and up-to-date manual dealing with the pharmacist's work at the dispensing counter. This treatise on the methods and processes involved in compounding medical prescriptions has proved of untold value to generations of pharmacists and may, indeed, be regarded as the classical work on this subject. Many of the difficulties and perplexities met with in the daily practice of the art and craft of pharmacy are explained in simple yet concise fashion. This book is a necessary part of the equipment of every dispensary. New ideas have been incorporated and scientific knowledge has been added to the art formerly based on skilful training during apprenticeship and from experience gained in pharmacies of international repute.

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69/23



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for  
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# Ethnine

Containing Pholcodine

### CONCERNING PHOLCODINE

- 1 Pholcodine is the approved name for Morphinylethylmorphine.
- 2 The properties of Pholcodine are:  
Less toxic than Codeine.  
Higher anti-tussive factor than Codeine.  
Less constipating than Morphine or Codeine.
- 3 Pholcodine is manufactured by Allen & Hanburys Ltd.

PRESENTATION  
DISPENSING PACK of 80 fluid ounces  
and in bottles of 4 fluid ounces



## IMMEDIATE CONTROL OF ASTHMA

Doctors everywhere have for years been prescribing FELSOL for the immediate and prolonged relief it gives in asthma. Pharmacists can stock FELSOL with complete confidence since it has the fullest support of the medical profession in hospitals, private practice and Government departments in all parts of the world to which it has been introduced.



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